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TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS	1	NOV 21	Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 16:05:41 ON 21 JAN 2009

=> file reg
COST IN U.S. DOLLARS
SINCE FILE ENTRY TOTAL
SESSION
FULL ESTIMATED COST 0.22 0.22

FILE 'REGISTRY' ENTERED AT 16:05:50 ON 21 JAN 2009
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 JAN 2009 HIGHEST RN 1094597-78-0
DICTIONARY FILE UPDATES: 20 JAN 2009 HIGHEST RN 1094597-78-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

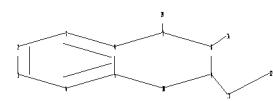
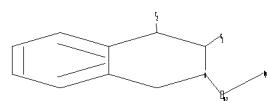
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10596546.str



chain nodes :
11 12 16 19 20 21 22 23 25
ring nodes :
1 2 3 4 5 6 7 8 9 10
chain bonds :
7-19 8-16 9-11 11-12 20-21 20-22 22-23 22-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10
exact/norm bonds :
4-7 5-10 7-8 7-19 8-9 8-16 9-10 9-11 11-12 20-21 20-22 22-23 22-25
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:H,Ak

G2:H,CH3,Et

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
Structure attributes must be viewed using STN Express query preparation.

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FULL SCREEN SEARCH COMPLETED - 796539 TO ITERATE

86.8% PROCESSED 691157 ITERATIONS 6860 ANSWERS
96.2% PROCESSED 765903 ITERATIONS 6876 ANSWERS
100.0% PROCESSED 796539 ITERATIONS 6880 ANSWERS
SEARCH TIME: 00.00.36

L2 6880 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\10596546a.str



```

chain nodes :
11 12 16 19 20 21 22 23 25
ring nodes :
1 2 3 4 5 6 7 8 9 10 26 27 28 29 30 31
chain bonds :
7-19 8-16 9-11 10-29 11-12 20-21 20-22 20-26 22-23 22-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 26-27 26-31 27-28 28-29
29-30 30-31
exact/norm bonds :
4-7 5-10 7-8 7-19 8-9 8-16 9-10 9-11 11-12 20-21 20-22 22-23 22-25
exact bonds :
10-29 20-26
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 26-27 26-31 27-28 28-29 29-30 30-31
isolated ring systems :
containing 1 : 26 :

```

G1:H,Ak

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom

L3 STRUCTURE UPLOADED

=> d 13

L3 HAS NO ANSWERS

L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

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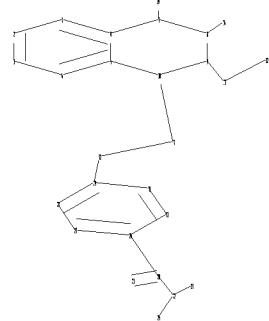
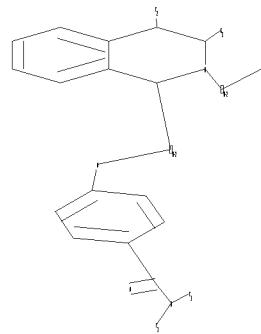
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100.0% PROCESSED 56141 ITERATIONS 92 ANSWERS
SEARCH TIME: 00.00.02

L4 92 SEA SSS FUL L3

=>

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chain nodes :
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ring nodes :
1 2 3 4 5 6 7 8 9 10 26 27 28 29 30 31
chain bonds :
7-19 8-16 9-11 10-33 11-12 20-21 20-22 20-26 22-23 22-25 29-32 32-33
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 26-27 26-31 27-28 28-29
29-30 30-31
exact/norm bonds :
4-7 5-10 7-8 7-19 8-9 8-16 9-10 9-11 11-12 20-21 20-22 22-23 22-25
29-32 32-33
exact bonds :
10-33 20-26
normalized bonds :

```

1-2 1-6 2-3 3-4 4-5 5-6 26-27 26-31 27-28 28-29 29-30 30-31
isolated ring systems :
containing 1 : 26 :

G1:H,Ak

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:CLASS 33:CLASS

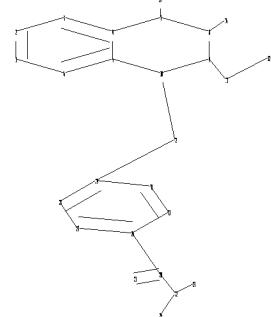
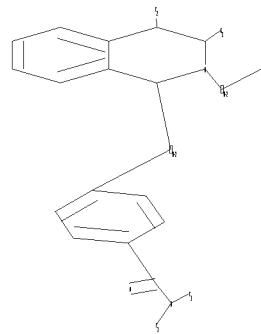
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FULL SCREEN SEARCH COMPLETED - 3770 TO ITERATE

100.0% PROCESSED 3770 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L6 3 SEA SSS FUL L5

=>
Uploading C:\Program Files\Stnexp\Queries\10596546c.str



```
chain nodes :
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ring nodes :
1 2 3 4 5 6 7 8 9 10 26 27 28 29 30 31
chain bonds :
7-19 8-16 9-11 10-32 11-12 20-21 20-22 20-26 22-23 22-25 29-32
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 26-27 26-31 27-28 28-29
29-30 30-31
exact/norm bonds :
4-7 5-10 7-8 7-19 8-9 8-16 9-10 9-11 11-12 20-21 20-22 22-23 22-25
exact bonds :
10-32 20-26 29-32
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 26-27 26-31 27-28 28-29 29-30 30-31
```

isolated ring systems :
containing 1 : 26 :

G1:H,Ak

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:CLASS

L7 STRUCTURE UPLOADED

=> s 17 full
FULL SEARCH INITIATED 16:12:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 24120 TO ITERATE

100.0% PROCESSED 24120 ITERATIONS 94 ANSWERS
SEARCH TIME: 00.00.03

L8 94 SEA SSS FUL L7

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 746.88 747.10

FILE 'CAPLUS' ENTERED AT 16:12:33 ON 21 JAN 2009
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FILE COVERS 1907 - 21 Jan 2009 VOL 150 ISS 4
FILE LAST UPDATED: 20 Jan 2009 (20090120/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 14 full
L9 1 L4

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=> s 16 full
L10          1 L6

=> s 18 full
L11          1 L8

=> d ibib abs hitstr tot 19
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L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:588939 CAPLUS
 DOCUMENT NUMBER: 143:115459
 TITLE: Preparation of tetrahydroisoquinoline derivatives as
 δ receptor ligands
 INVENTOR(S): Ripper, Justin; Janssen, Christian; Jenkins, Ian; Le
 Van, Phuc; Quinn, Ron
 PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
 SOURCE: PCT Int. Appl., 181 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005061484	A1	20050707	WO 2004-SE1939	20041220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004303736	A1	20050707	AU 2004-303736	20041220
AU 2004303736	B2	20080515		
CA 2550643	A1	20050707	CA 2004-2550643	20041220
EP 1699779	A1	20060913	EP 2004-809112	20041220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
CN 1918147	A	20070221	CN 2004-80041965	20041220
BR 2004017936	A	20070417	BR 2004-17936	20041220
JP 2007515477	T	20070614	JP 2006-546907	20041220
IN 2006DN03163	A	20070824	IN 2006-DN3163	20060602
MX 2006PA07040	A	20060831	MX 2006-PA7040	20060619
NO 2006003353	A	20060906	NO 2006-3353	20060719
KR 2006127903	A	20061213	KR 2006-714795	20060721
PRIORITY APPLN. INFO.:			SE 2003-3542	A 20031222
			WO 2004-SE1939	W 20041220

OTHER SOURCE(S): CASREACT 143:115459; MARPAT 143:115459
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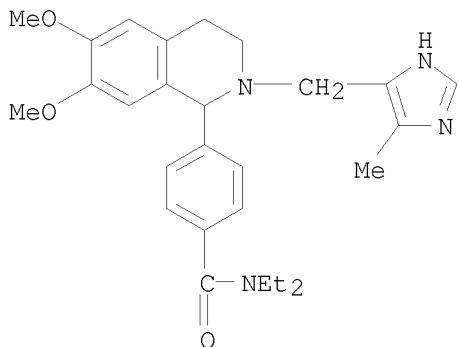
AB Title compds. I [R1 = H, alkyl; R2 and R3 independently = H, alkyl; R4, R5, R6 and R7 independently = H, OH, halo, etc. or any two adjacent groups selected from R4, R5, R6 and R7 form a portion of a 5-6 membered ring; E = (un)substituted 5-membered heterocycle; D = divalent group comprising a benzene ring] and their pharmaceutically acceptable salts, are prepared and disclosed as δ receptor ligands. Thus, e.g., II was prepared by reductive alkylation of 2-[(6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolin-1-yl)methoxy]-N,N-diethylbenzamide (preparation given) with 2-furaldehyde. The activity of I was evaluated in binding assays towards δ receptor and it was found that most compds. of the invention displayed IC50 values

below 1000 nM. I as ligands of δ receptor should prove useful in the treatment of pain. Pharmaceutical compns. comprising I are disclosed.

IT 857251-29-7P 857251-31-1P 857251-76-4P
 RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses) (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

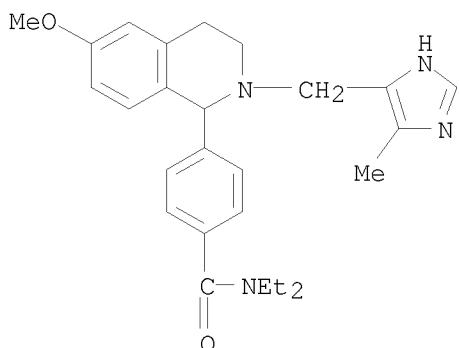
RN 857251-29-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



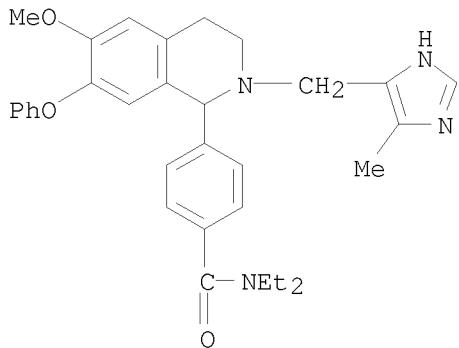
RN 857251-31-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-76-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

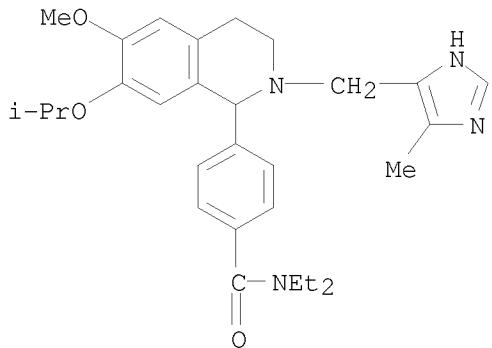


IT 857251-49-1P 857251-52-6P 857251-53-7P
 857251-85-5P 857251-90-2P

RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
 (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

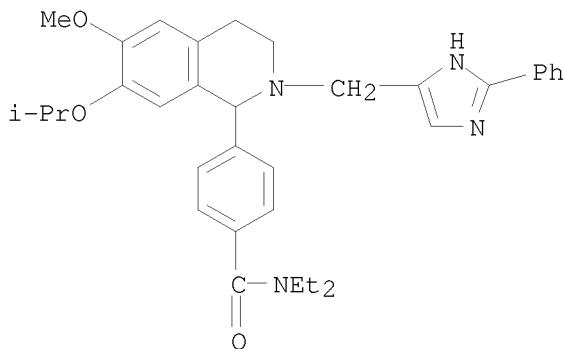
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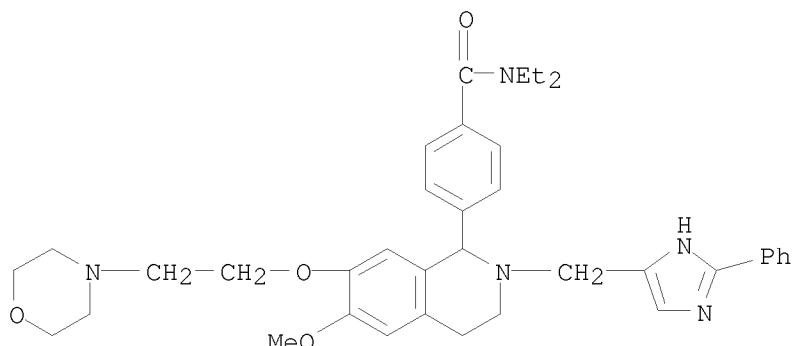
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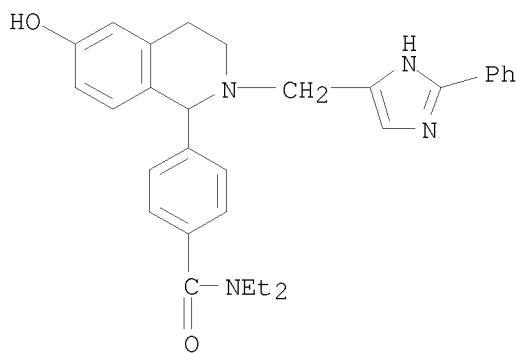
RN 857251-53-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



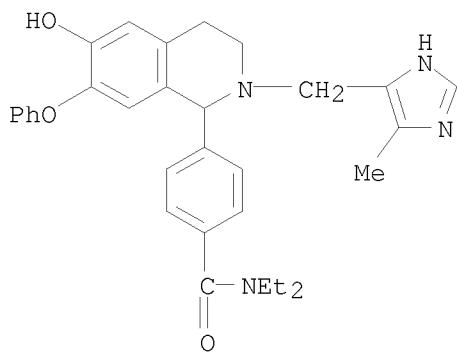
RN 857251-85-5 CAPLUS

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RN 857251-90-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)



IT 857251-96-8P 857251-97-9P 857251-98-0P

857251-99-1P 857252-00-7P 857252-01-8P

857252-02-9P 857252-03-0P 857252-04-1P

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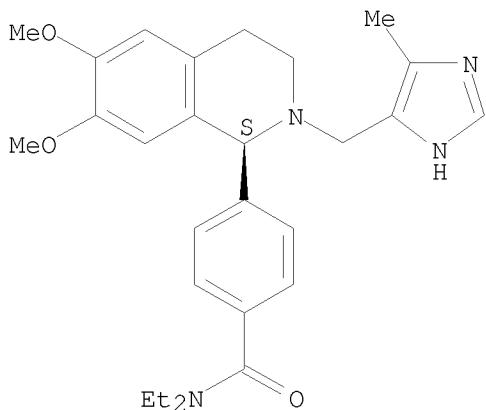
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

RN 857251-96-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

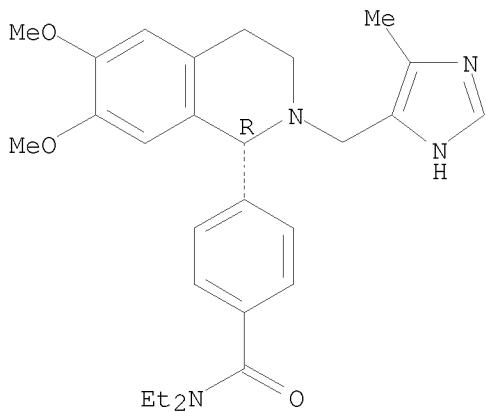
Absolute stereochemistry.



RN 857251-97-9 CAPLUS

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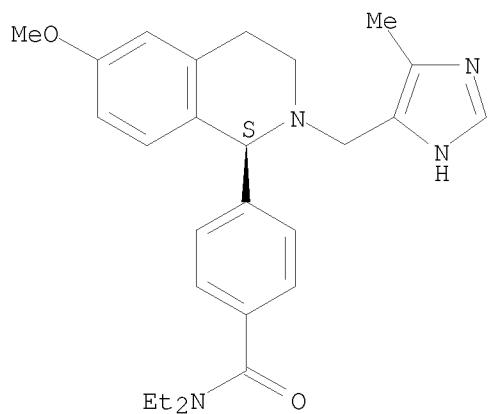
Absolute stereochemistry.



RN 857251-98-0 CAPLUS

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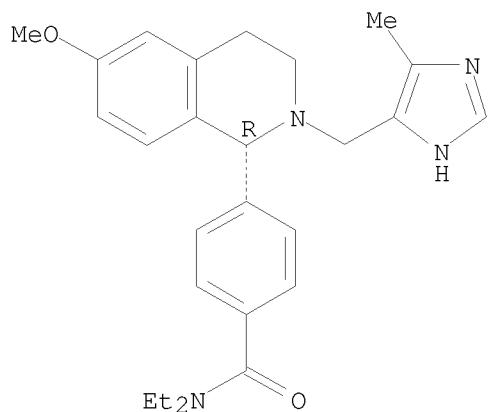
Absolute stereochemistry. Rotation (+).



RN 857251-99-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

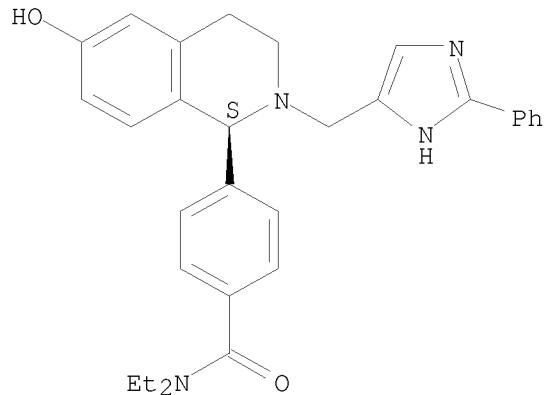
Absolute stereochemistry. Rotation (-).



RN 857252-00-7 CAPLUS

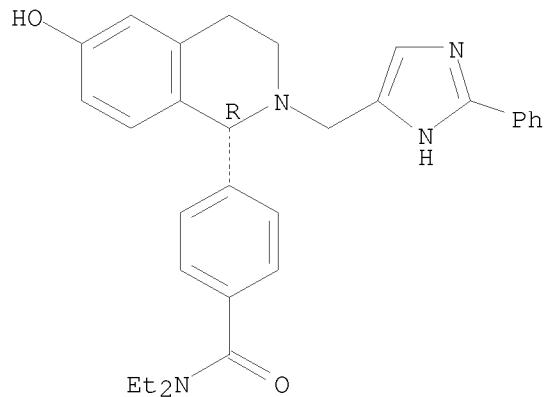
CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



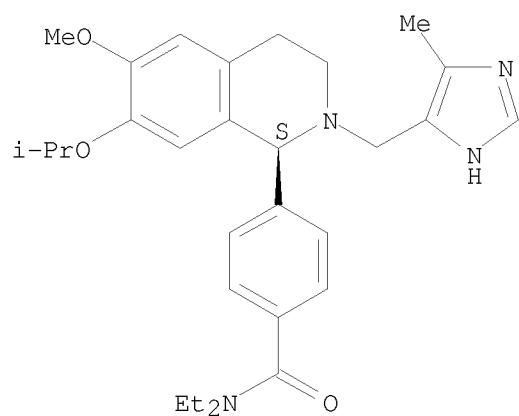
RN 857252-01-8 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



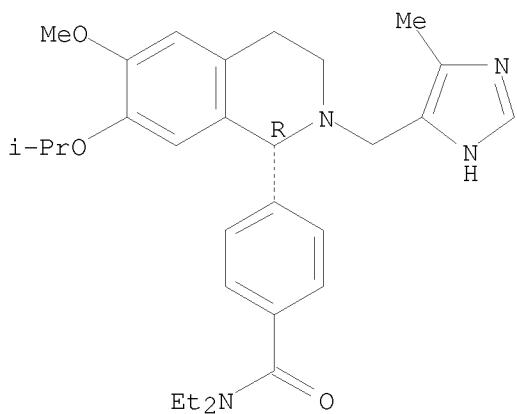
RN 857252-02-9 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 857252-03-0 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

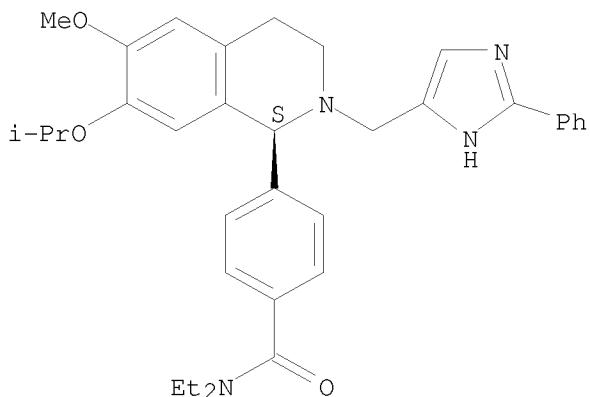
Absolute stereochemistry. Rotation (-).



RN 857252-04-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl- (CA INDEX NAME)

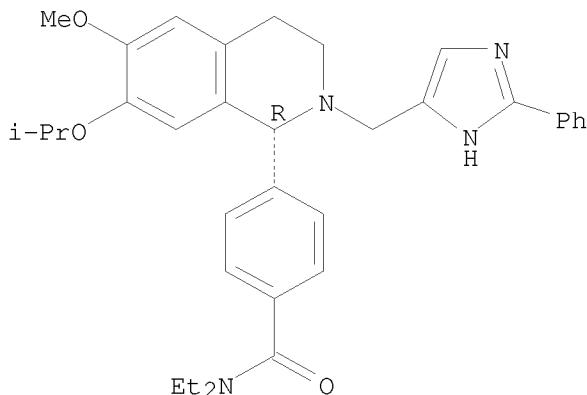
Absolute stereochemistry. Rotation (+).



RN 857252-05-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl- (CA INDEX NAME)

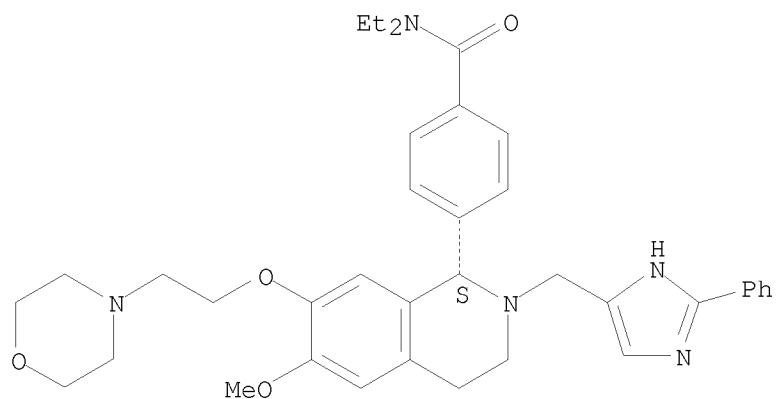
Absolute stereochemistry. Rotation (-).



RN 857252-06-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

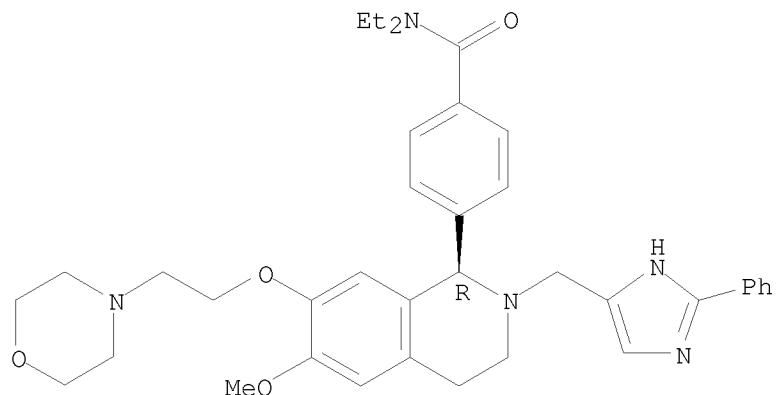
Absolute stereochemistry. Rotation (+).



RN 857252-07-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

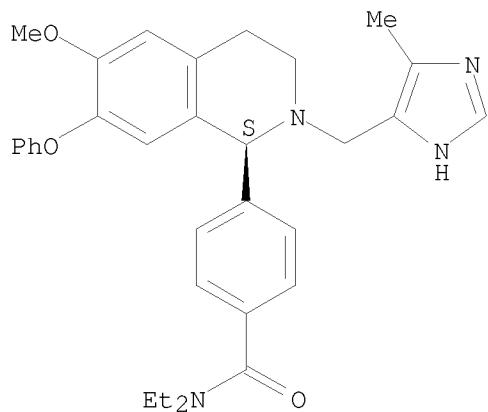
Absolute stereochemistry. Rotation (-).



RN 857252-08-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

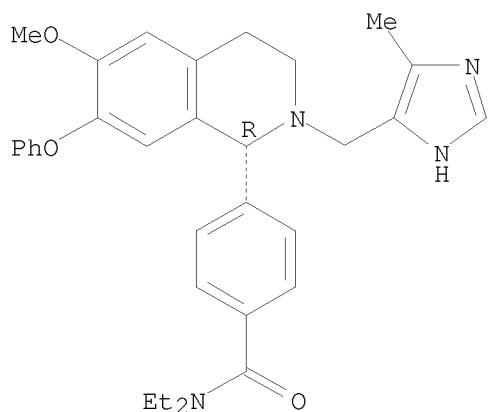
Absolute stereochemistry. Rotation (+).



RN 857252-09-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

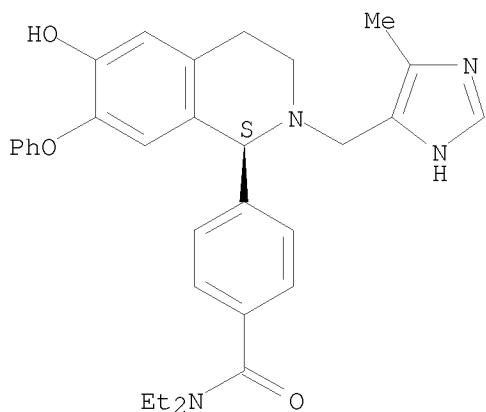
Absolute stereochemistry. Rotation (-).



RN 857252-10-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

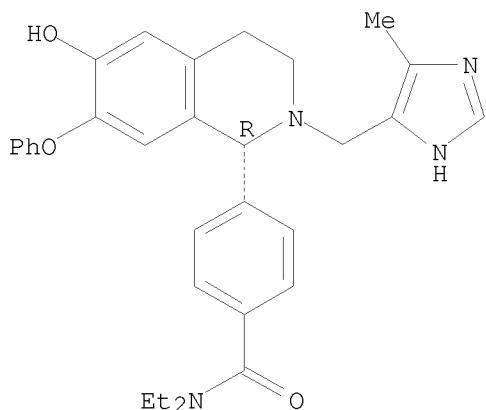
Absolute stereochemistry.



RN 857252-11-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 857251-19-5P 857251-20-8P 857251-21-9P

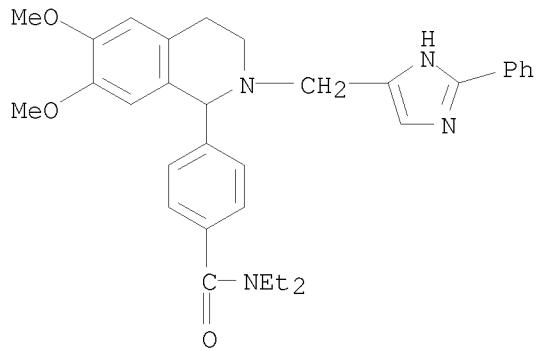
857251-36-6P 857251-54-8P 857251-75-3P

857251-77-5P 857251-78-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

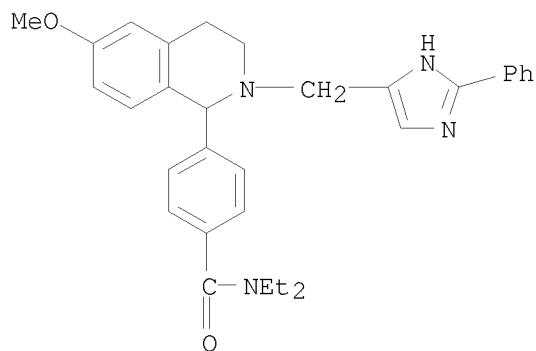
RN 857251-19-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



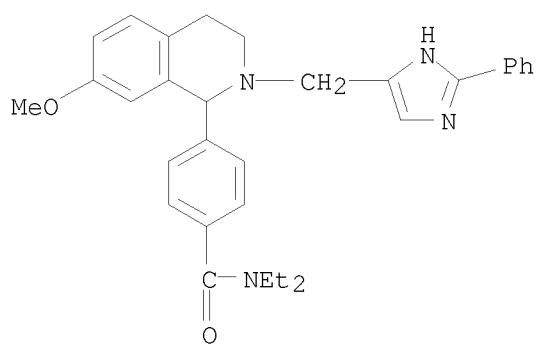
RN 857251-20-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



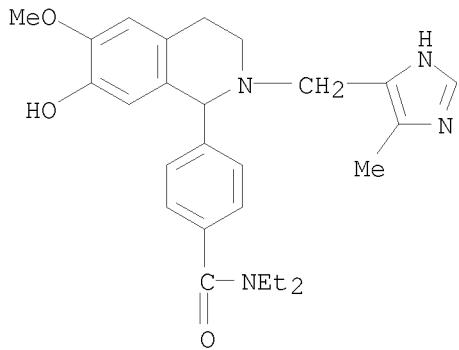
RN 857251-21-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



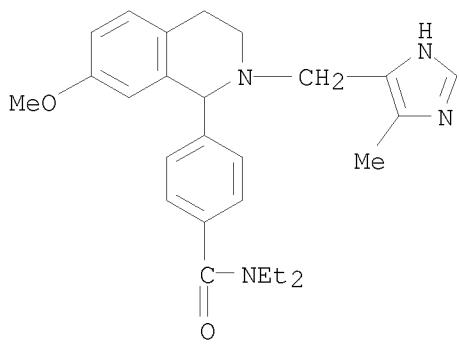
RN 857251-36-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



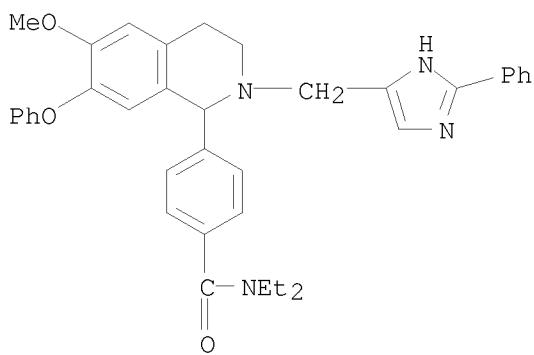
RN 857251-54-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



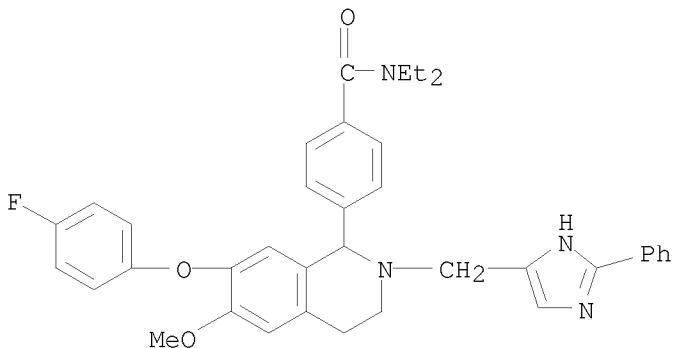
RN 857251-75-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-phenoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



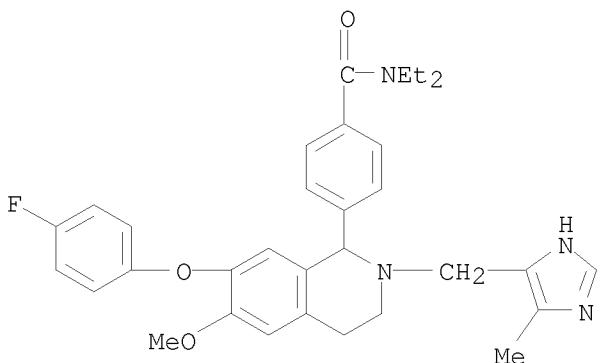
RN 857251-77-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-78-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



IT 857251-22-0P 857251-23-1P 857251-24-2P

857251-25-3P 857251-26-4P 857251-27-5P

857251-28-6P 857251-30-0P 857251-32-2P

857251-33-3P 857251-34-4P 857251-35-5P

857251-37-7P 857251-38-8P 857251-39-9P

857251-40-2P 857251-43-5P 857251-44-6P

857251-45-7P 857251-46-8P 857251-47-9P

857251-48-0P 857251-50-4P 857251-51-5P

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857251-60-6P 857251-61-7P 857251-62-8P

857251-63-9P 857251-64-0P 857251-67-3P

857251-68-4P 857251-69-5P 857251-70-8P

857251-71-9P 857251-72-0P 857251-73-1P

857251-74-2P 857251-79-7P 857251-80-0P

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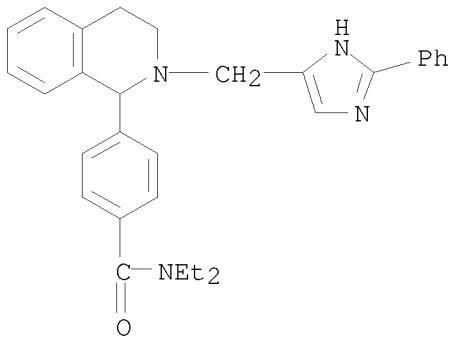
857251-95-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

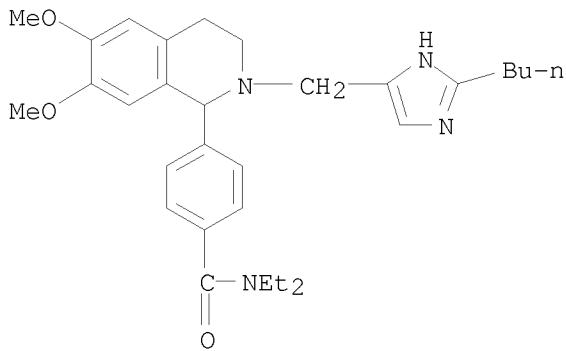
RN 857251-22-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



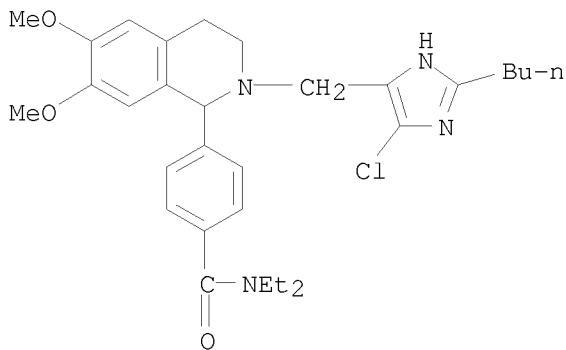
RN 857251-23-1 CAPLUS

CN Benzamide, 4-[2-[(2-butyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



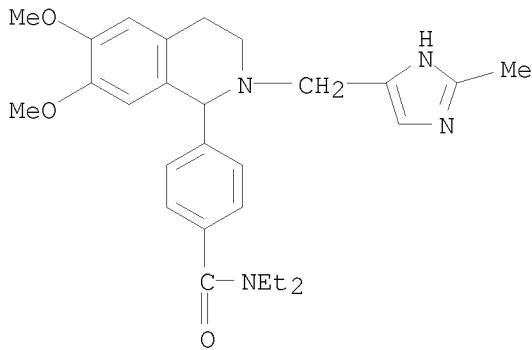
RN 857251-24-2 CAPLUS

CN Benzamide, 4-[2-[(2-butyl-5-chloro-1H-imidazol-4-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



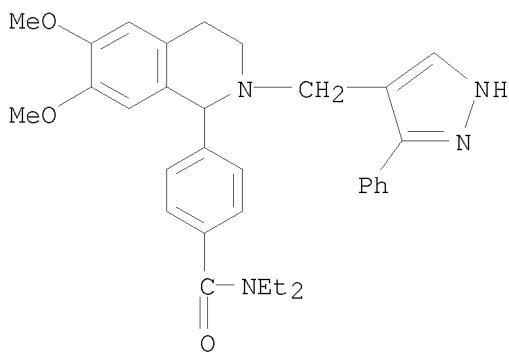
RN 857251-25-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



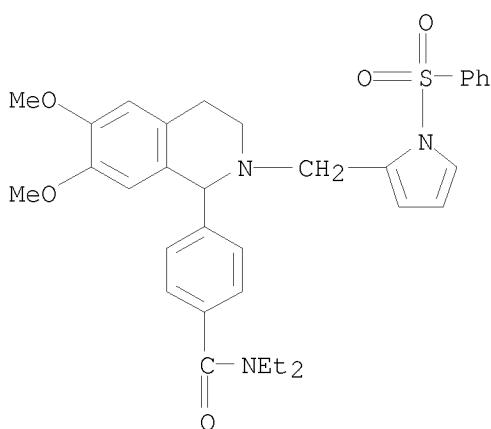
RN 857251-26-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(3-phenyl-1H-pyrazol-4-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



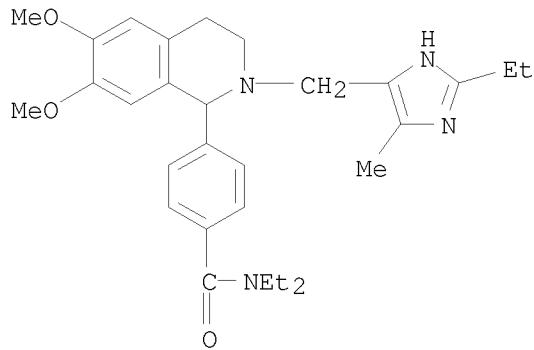
RN 857251-27-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-phenylsulfonyl)-1H-pyrrol-2-yl]methyl]-1-isoquinolinyl]- (CA INDEX NAME)



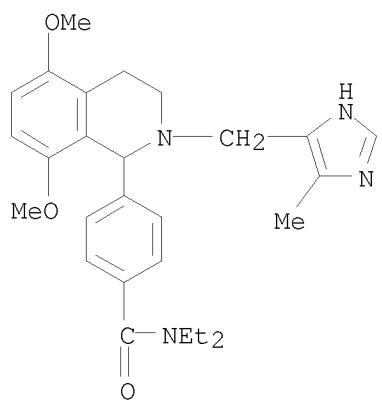
RN 857251-28-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[2-[(2-ethyl-4-methyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]- (CA INDEX NAME)



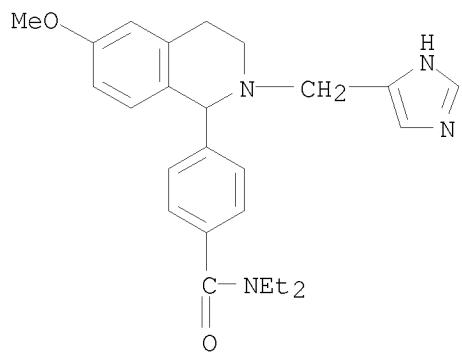
RN 857251-30-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,8-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



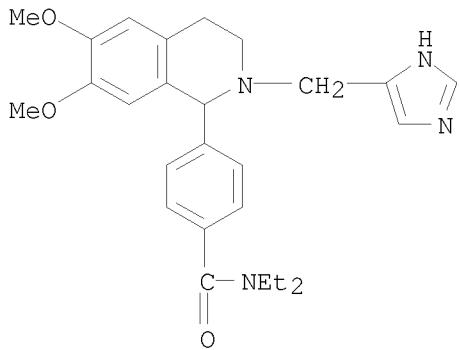
RN 857251-32-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6-methoxy-1-isoquinolinyl]- (CA INDEX NAME)



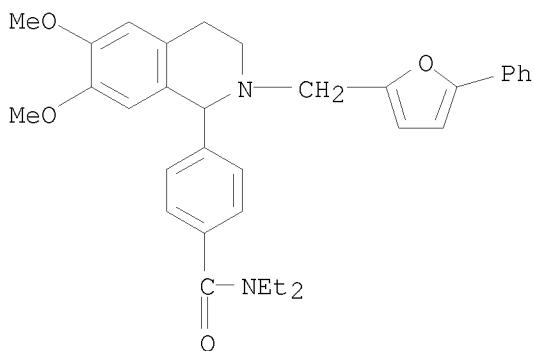
RN 857251-33-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6,7-dimethoxy-1-isoquinolinyl]- (CA INDEX NAME)



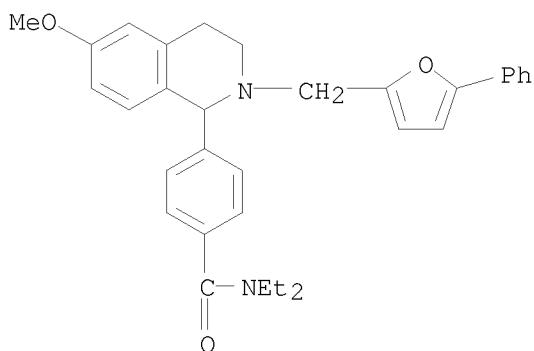
RN 857251-34-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(5-phenyl-2-furanyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



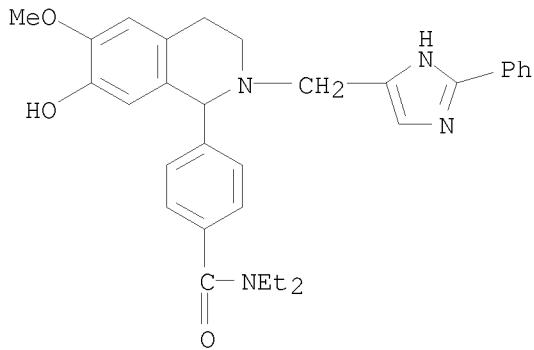
RN 857251-35-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(5-phenyl-2-furanyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



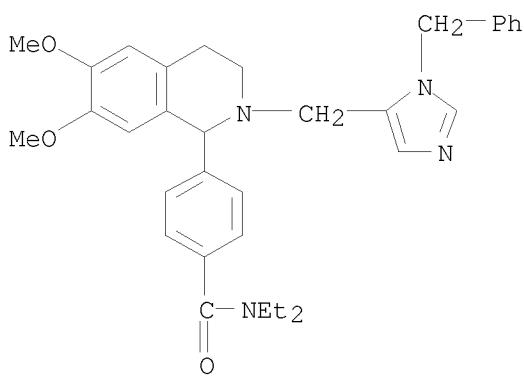
RN 857251-37-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



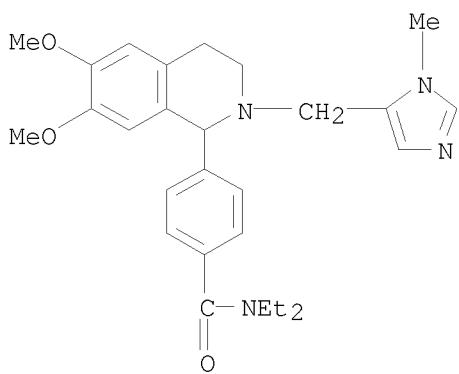
RN 857251-38-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[1-(phenylmethyl)-1H-imidazol-5-yl]methyl]-1-isoquinoliny1- (CA INDEX NAME)



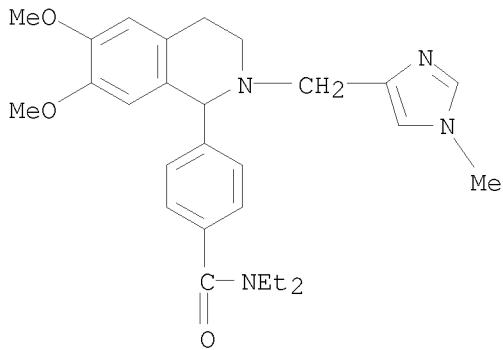
RN 857251-39-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-methyl-1H-imidazol-5-yl)methyl]-1-isoquinoliny1]- (CA INDEX NAME)



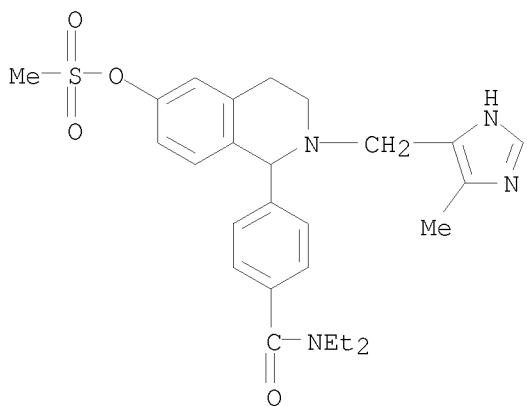
RN 857251-40-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-methyl-1H-imidazol-4-yl)methyl]-1-isoquinoliny1]- (CA INDEX NAME)



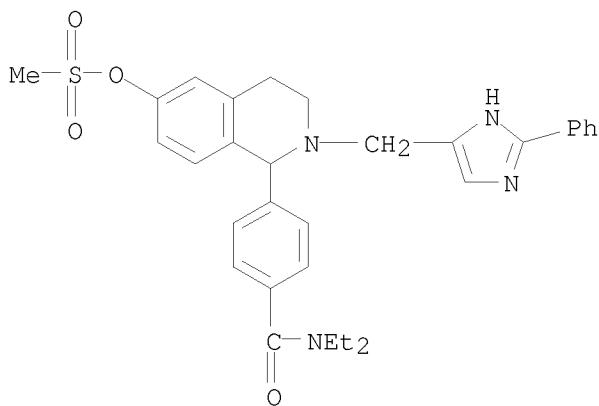
RN 857251-43-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-[(4-methyl-1H-imidazol-5-yl)methyl]-6-[(methylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



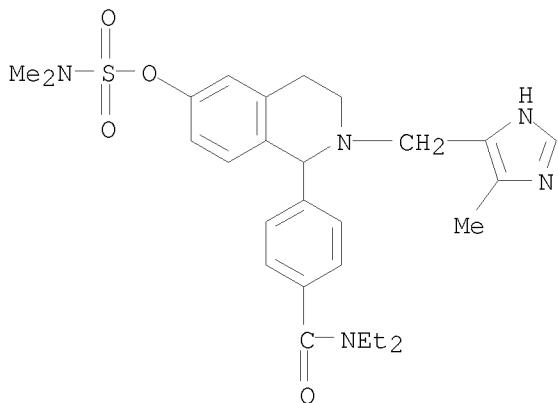
RN 857251-44-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-[(methylsulfonyl)oxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

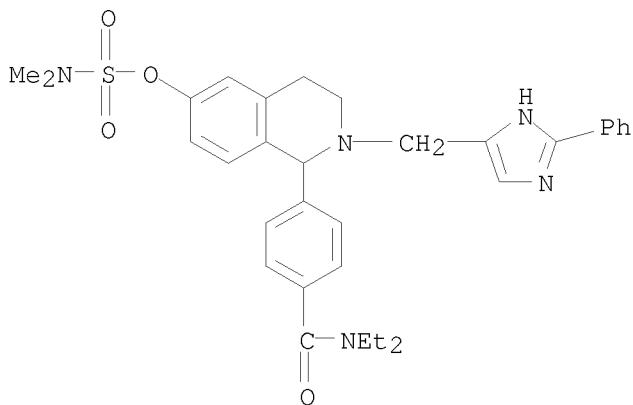


RN 857251-45-7 CAPLUS

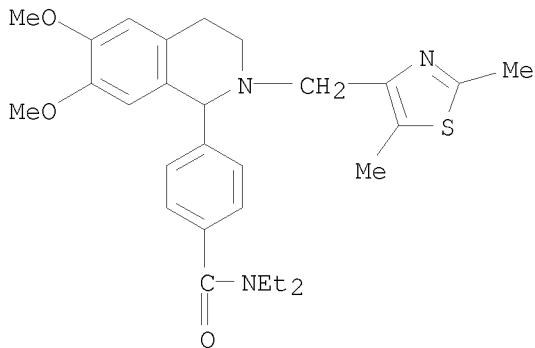
CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-2-[(4-methyl-1H-imidazol-5-yl)methyl]-6-isoquinolinyl ester (CA INDEX NAME)



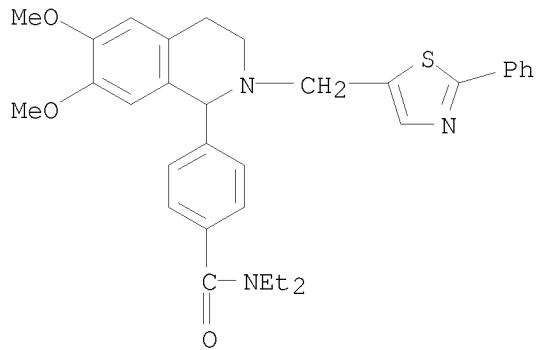
RN 857251-46-8 CAPLUS
 CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-6-isoquinolinyl ester
 (CA INDEX NAME)



RN 857251-47-9 CAPLUS
 CN Benzamide, 4-[2-[(2,5-dimethyl-4-thiazolyl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)

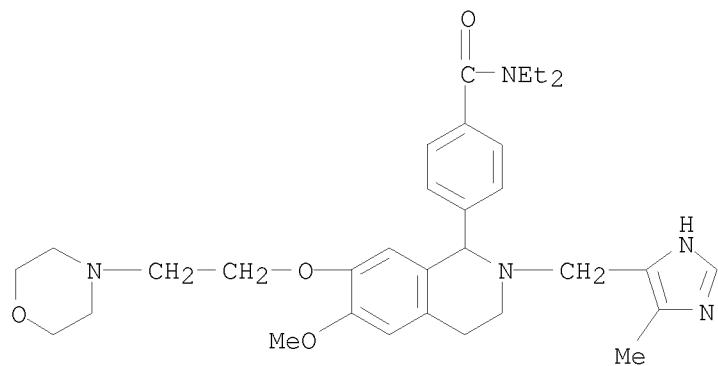


RN 857251-48-0 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-5-thiazolyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



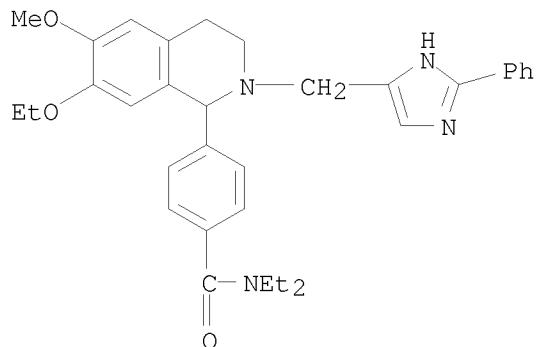
RN 857251-50-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[2-(4-morpholinyl)ethoxy]-1-isoquinolinyl]- (CA INDEX NAME)



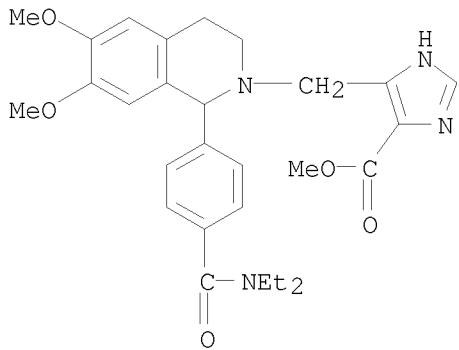
RN 857251-51-5 CAPLUS

CN Benzamide, 4-[(7-ethoxy-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl)-N,N-diethyl- (CA INDEX NAME)



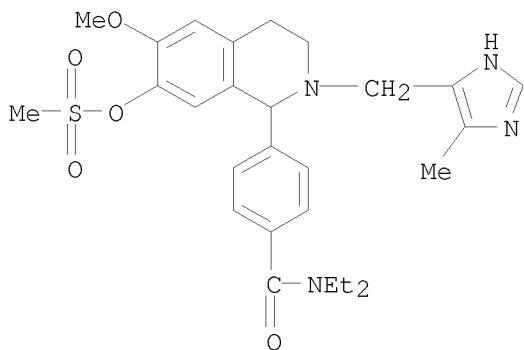
RN 857251-55-9 CAPLUS

CN 1H-Imidazole-5-carboxylic acid, 4-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl]methyl]-, methyl ester (CA INDEX NAME)



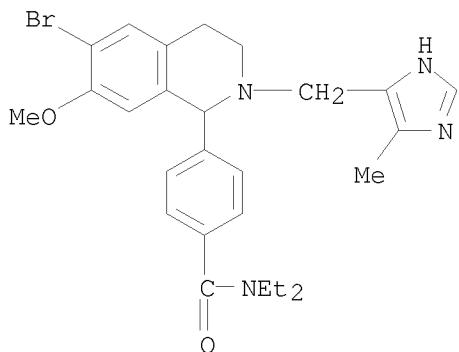
RN 857251-56-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(methylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



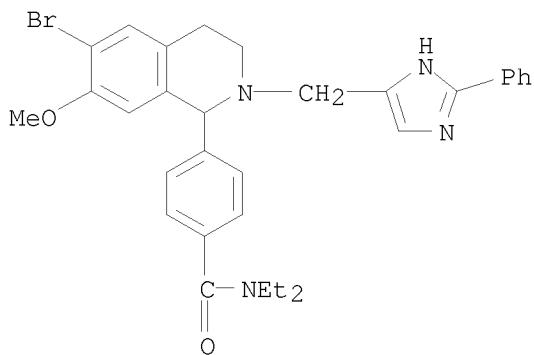
RN 857251-59-3 CAPLUS

CN Benzamide, 4-[6-bromo-1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



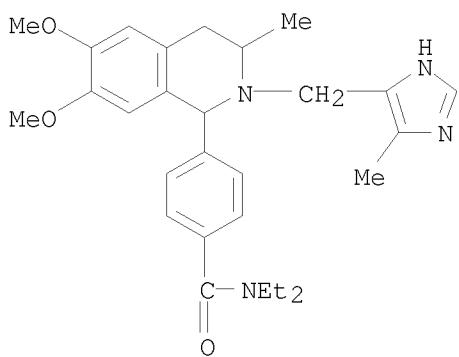
RN 857251-60-6 CAPLUS

CN Benzamide, 4-[6-bromo-1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



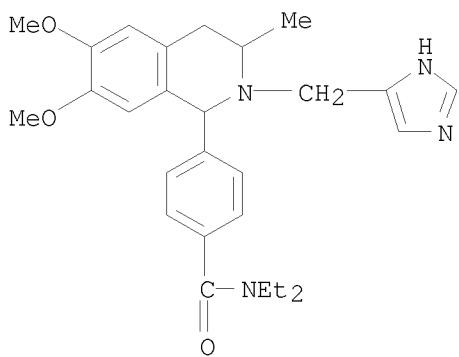
RN 857251-61-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-3-methyl-2-(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl- (CA INDEX NAME)



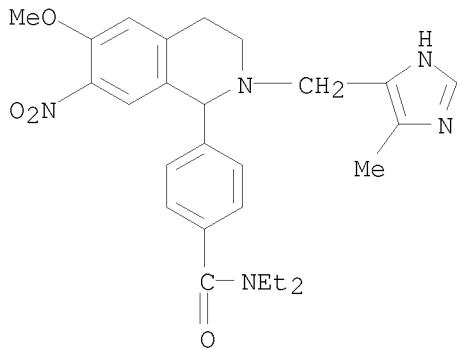
RN 857251-62-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6,7-dimethoxy-3-methyl-1-isoquinolinyl]- (CA INDEX NAME)



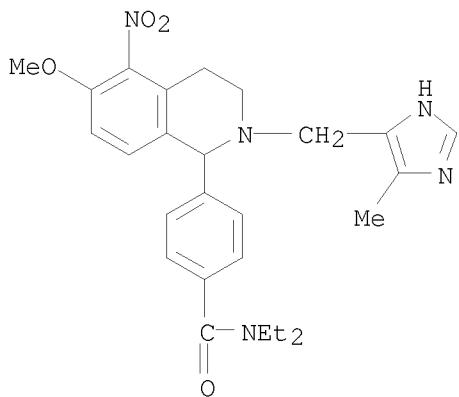
RN 857251-63-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-(4-methyl-1H-imidazol-5-yl)methyl]-7-nitro-1-isoquinolinyl- (CA INDEX NAME)



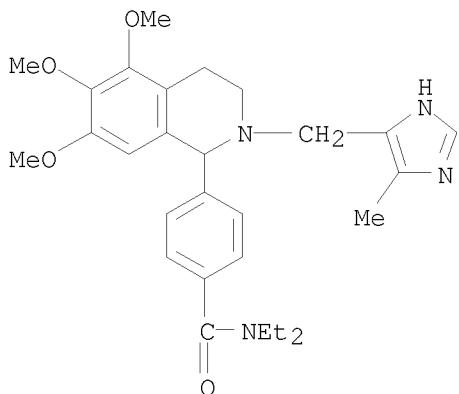
RN 857251-64-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-5-nitro-1-isoquinolinyl]- (CA INDEX NAME)



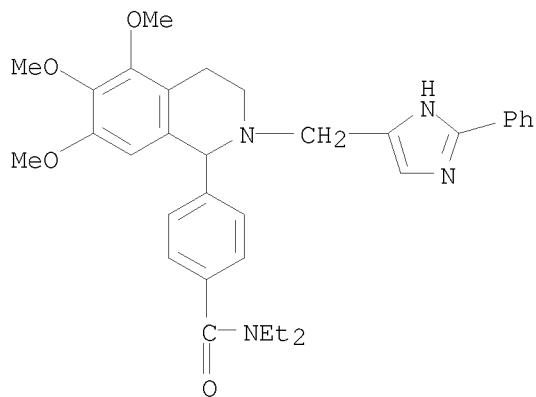
RN 857251-67-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,6,7-trimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



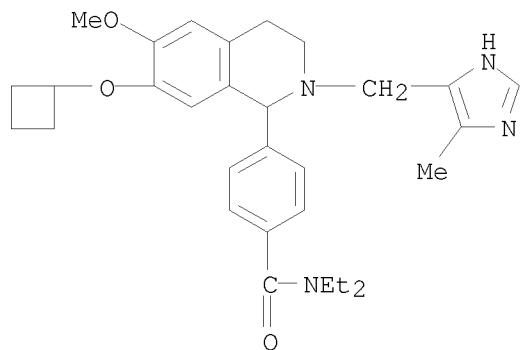
RN 857251-68-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,6,7-trimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



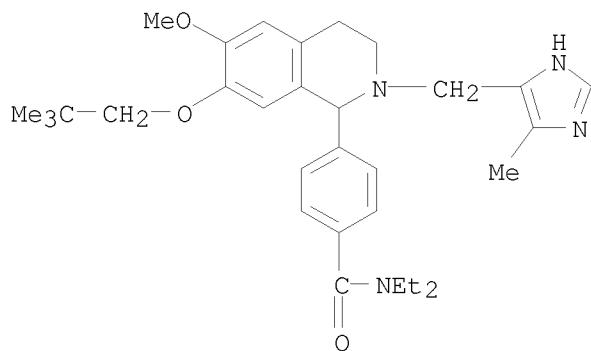
RN 857251-69-5 CAPLUS

CN Benzamide, 4-[7-(cyclobutyloxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinoliny]-N,N-diethyl- (CA INDEX NAME)



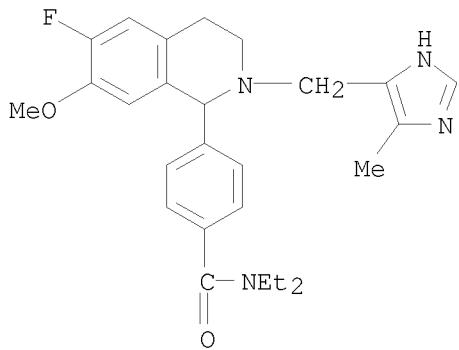
RN 857251-70-8 CAPLUS

CN Benzamide, 4-[7-(2,2-dimethylpropoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinoliny]-N,N-diethyl- (CA INDEX NAME)



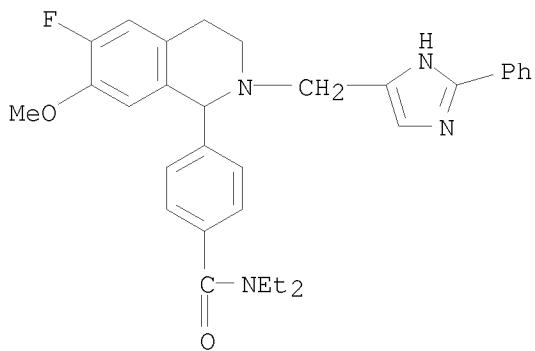
RN 857251-71-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[6-fluoro-1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinoliny]- (CA INDEX NAME)



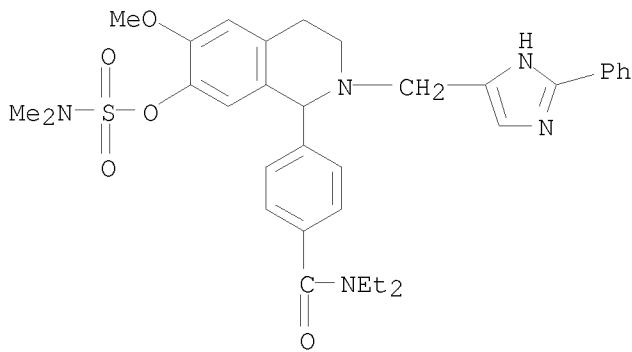
RN 857251-72-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[6-fluoro-1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



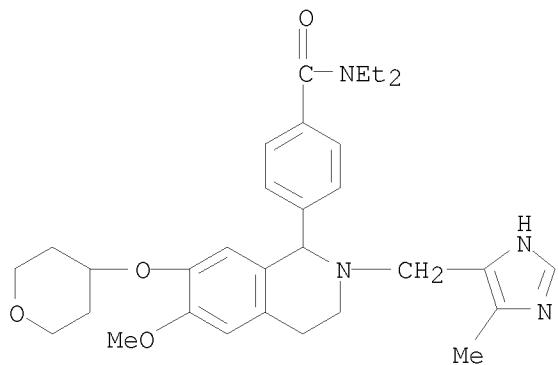
RN 857251-73-1 CAPLUS

CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-7-isoquinolinyl ester (CA INDEX NAME)



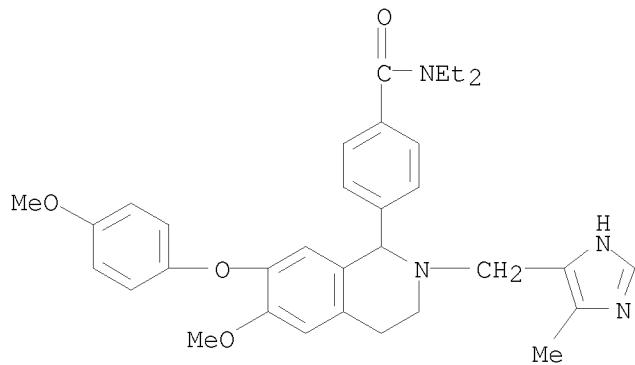
RN 857251-74-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(tetrahydro-2H-pyran-4-yl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



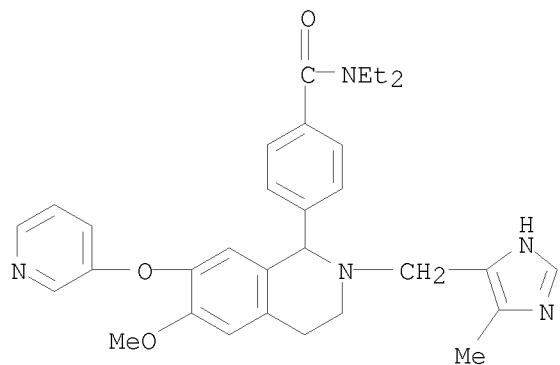
RN 857251-79-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(4-methoxyphenoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



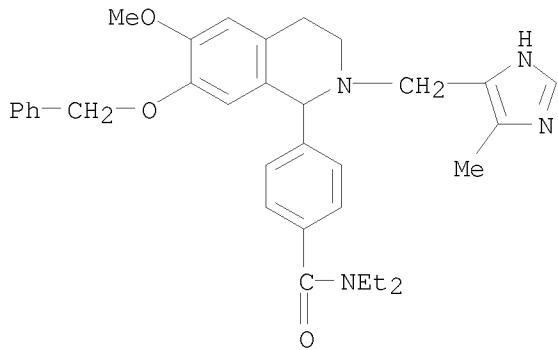
RN 857251-80-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-(3-pyridinyl)-1-isoquinolinyl]- (CA INDEX NAME)



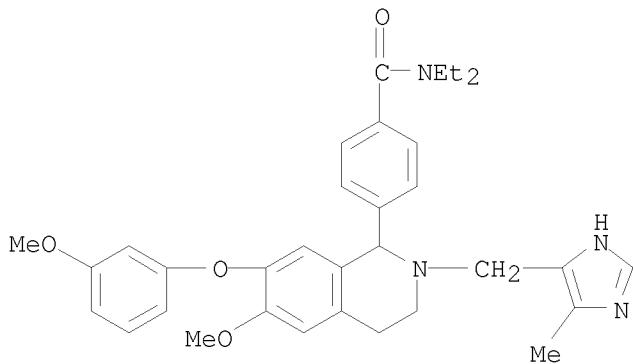
RN 857251-81-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-(phenylmethoxy)-1-isoquinolinyl]- (CA INDEX NAME)



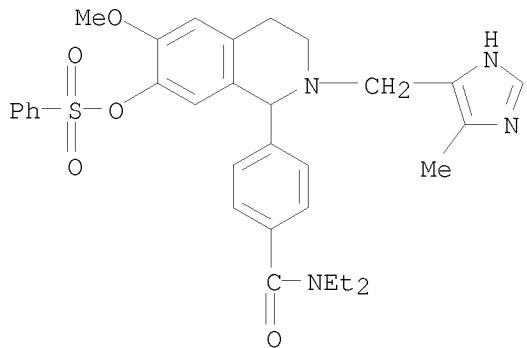
RN 857251-82-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(3-methoxyphenoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



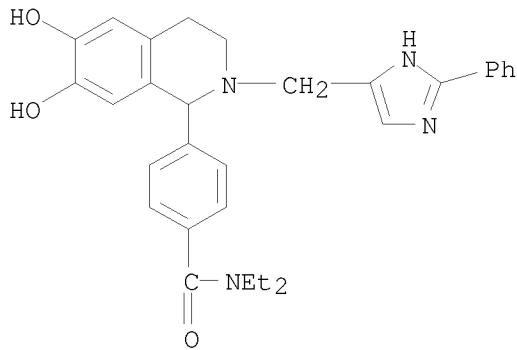
RN 857251-83-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(phenylsulfonyloxy)-1-isoquinolinyl]- (CA INDEX NAME)



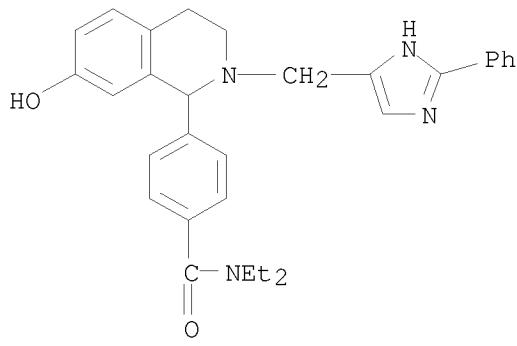
RN 857251-84-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dihydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



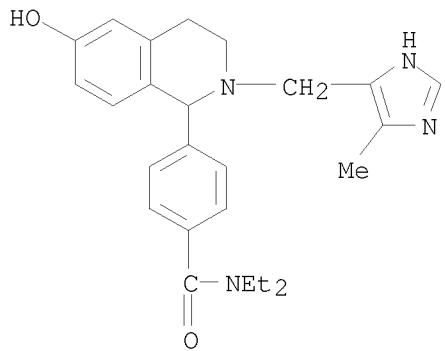
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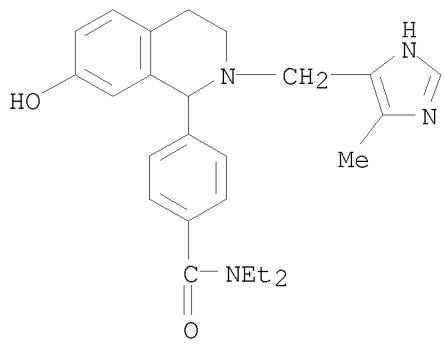
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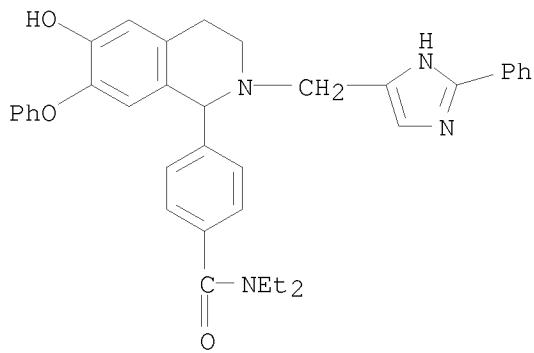
RN 857251-88-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



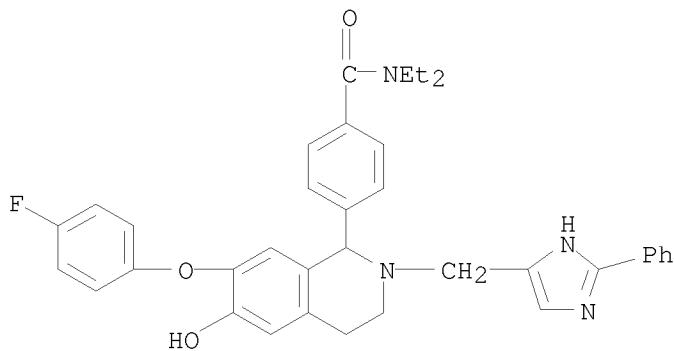
RN 857251-89-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-7-phenoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



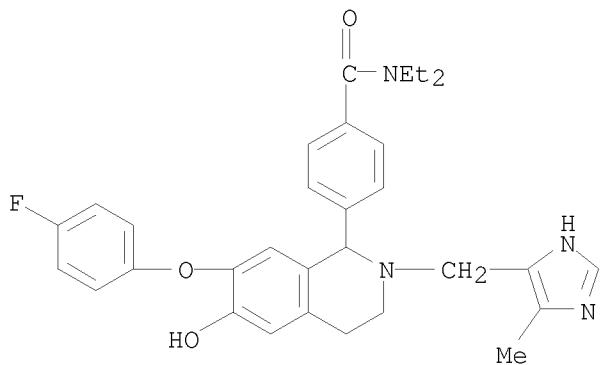
RN 857251-91-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



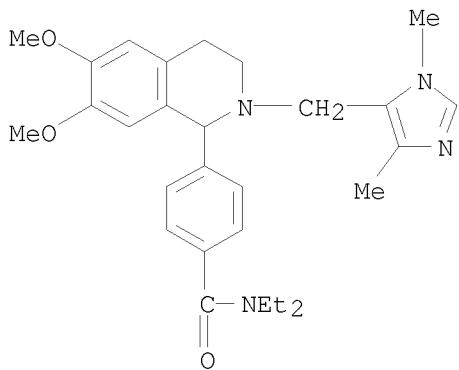
RN 857251-92-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



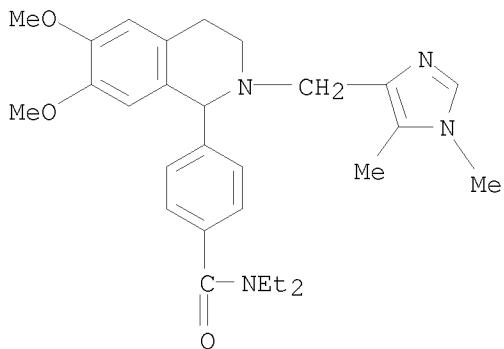
RN 857251-93-5 CAPLUS

CN Benzamide, 4-[2-[(1,4-dimethyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



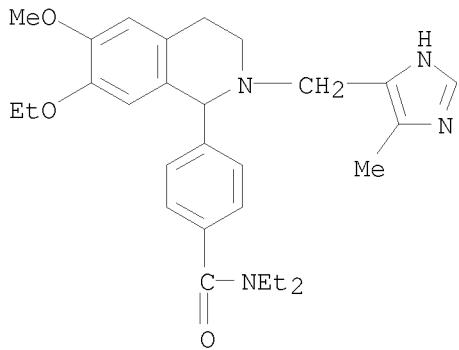
RN 857251-94-6 CAPLUS

CN Benzamide, 4-[2-[(1,5-dimethyl-1H-imidazol-4-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



RN 857251-95-7 CAPLUS

CN Benzamide, 4-[7-ethoxy-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)

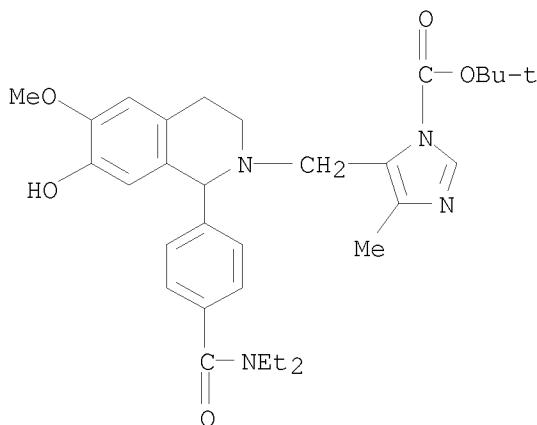


IT 857252-63-2P 857252-64-3P 857252-65-4P
 857252-66-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

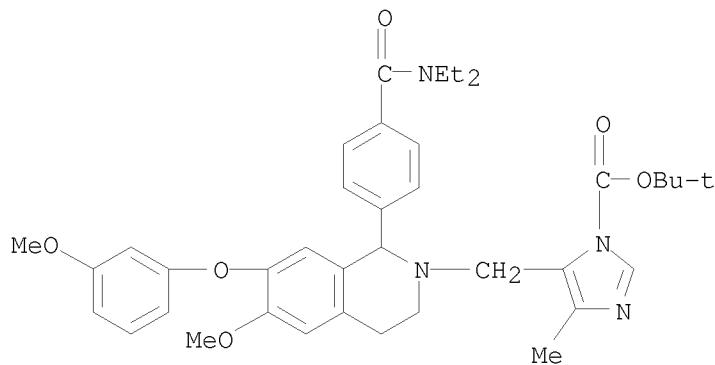
RN 857252-63-2 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-7-hydroxy-6-methoxy-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



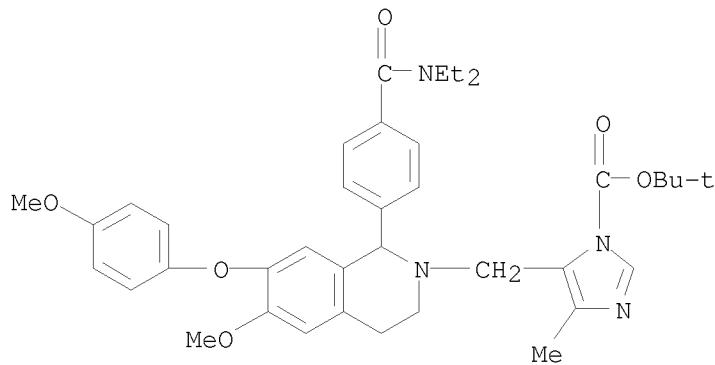
RN 857252-64-3 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-(3-methoxyphenoxy)-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



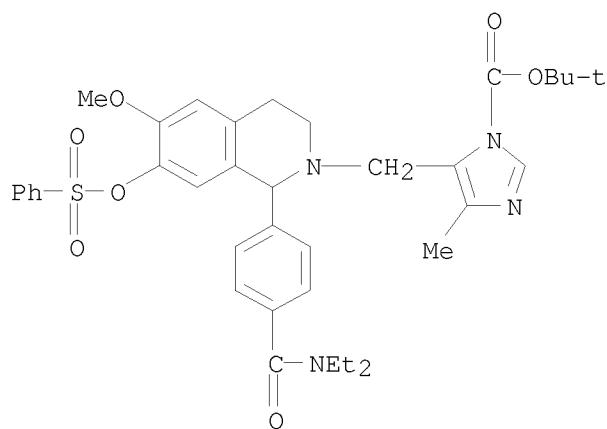
RN 857252-65-4 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-(4-methoxyphenoxy)-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 857252-66-5 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-[(phenylsulfonyl)oxy]-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT:

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THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


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L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:588939 CAPLUS
 DOCUMENT NUMBER: 143:115459
 TITLE: Preparation of tetrahydroisoquinoline derivatives as
 δ receptor ligands
 INVENTOR(S): Ripper, Justin; Janssen, Christian; Jenkins, Ian; Le
 Van, Phuc; Quinn, Ron
 PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
 SOURCE: PCT Int. Appl., 181 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005061484	A1	20050707	WO 2004-SE1939	20041220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004303736	A1	20050707	AU 2004-303736	20041220
AU 2004303736	B2	20080515		
CA 2550643	A1	20050707	CA 2004-2550643	20041220
EP 1699779	A1	20060913	EP 2004-809112	20041220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
CN 1918147	A	20070221	CN 2004-80041965	20041220
BR 2004017936	A	20070417	BR 2004-17936	20041220
JP 2007515477	T	20070614	JP 2006-546907	20041220
IN 2006DN03163	A	20070824	IN 2006-DN3163	20060602
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NO 2006003353	A	20060906	NO 2006-3353	20060719
KR 2006127903	A	20061213	KR 2006-714795	20060721
PRIORITY APPLN. INFO.:			SE 2003-3542	A 20031222
			WO 2004-SE1939	W 20041220

OTHER SOURCE(S): CASREACT 143:115459; MARPAT 143:115459
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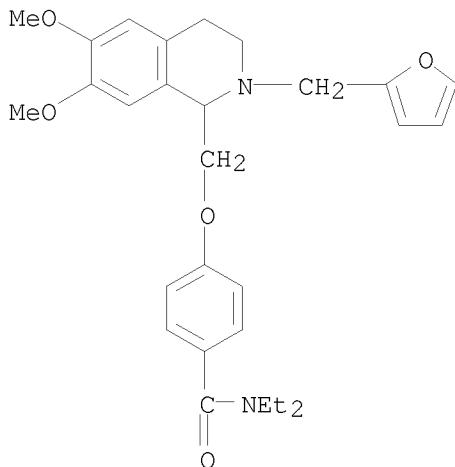
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [R1 = H, alkyl; R2 and R3 independently = H, alkyl; R4, R5, R6 and R7 independently = H, OH, halo, etc. or any two adjacent groups selected from R4, R5, R6 and R7 form a portion of a 5-6 membered ring; E = (un)substituted 5-membered heterocycle; D = divalent group comprising a benzene ring] and their pharmaceutically acceptable salts, are prepared and disclosed as δ receptor ligands. Thus, e.g., II was prepared by reductive alkylation of 2-[(6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolin-1-yl)methoxy]-N,N-diethylbenzamide (preparation given) with 2-furaldehyde. The activity of I was evaluated in binding assays towards δ receptor and it was found that most compds. of the invention displayed IC50 values

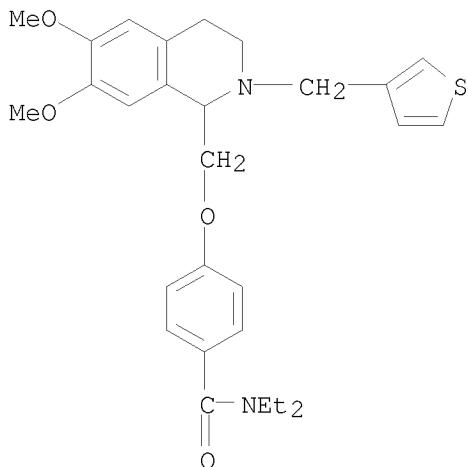
below 1000 nM. I as ligands of δ receptor should prove useful in the treatment of pain. Pharmaceutical compns. comprising I are disclosed.

IT 857251-15-1P 857251-16-2P 857251-41-3P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

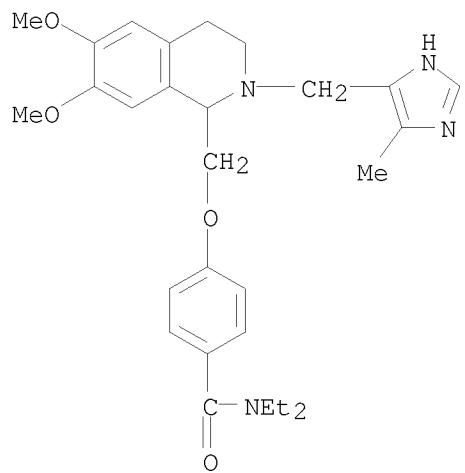
RN 857251-15-1 CAPLUS
 CN Benzamide, N,N-diethyl-4-[[2-(2-furanyl methyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]methoxy]- (CA INDEX NAME)



RN 857251-16-2 CAPLUS
 CN Benzamide, N,N-diethyl-4-[[1,2,3,4-tetrahydro-6,7-dimethoxy-2-(3-thienylmethyl)-1-isoquinolinyl]methoxy]- (CA INDEX NAME)



RN 857251-41-3 CAPLUS
 CN Benzamide, N,N-diethyl-4-[[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]methoxy]- (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:588939 CAPLUS
 DOCUMENT NUMBER: 143:115459
 TITLE: Preparation of tetrahydroisoquinoline derivatives as
 δ receptor ligands
 INVENTOR(S): Ripper, Justin; Janssen, Christian; Jenkins, Ian; Le
 Van, Phuc; Quinn, Ron
 PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
 SOURCE: PCT Int. Appl., 181 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005061484	A1	20050707	WO 2004-SE1939	20041220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004303736	A1	20050707	AU 2004-303736	20041220
AU 2004303736	B2	20080515		
CA 2550643	A1	20050707	CA 2004-2550643	20041220
EP 1699779	A1	20060913	EP 2004-809112	20041220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
CN 1918147	A	20070221	CN 2004-80041965	20041220
BR 2004017936	A	20070417	BR 2004-17936	20041220
JP 2007515477	T	20070614	JP 2006-546907	20041220
IN 2006DN03163	A	20070824	IN 2006-DN3163	20060602
MX 2006PA07040	A	20060831	MX 2006-PA7040	20060619
NO 2006003353	A	20060906	NO 2006-3353	20060719
KR 2006127903	A	20061213	KR 2006-714795	20060721
PRIORITY APPLN. INFO.:			SE 2003-3542	A 20031222
			WO 2004-SE1939	W 20041220

OTHER SOURCE(S): CASREACT 143:115459; MARPAT 143:115459
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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

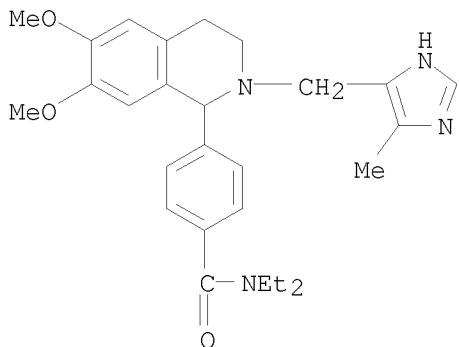
AB Title compds. I [R1 = H, alkyl; R2 and R3 independently = H, alkyl; R4, R5, R6 and R7 independently = H, OH, halo, etc. or any two adjacent groups selected from R4, R5, R6 and R7 form a portion of a 5-6 membered ring; E = (un)substituted 5-membered heterocycle; D = divalent group comprising a benzene ring] and their pharmaceutically acceptable salts, are prepared and disclosed as δ receptor ligands. Thus, e.g., II was prepared by reductive alkylation of 2-[(6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolin-1-yl)methoxy]-N,N-diethylbenzamide (preparation given) with 2-furaldehyde. The activity of I was evaluated in binding assays towards δ receptor and it was found that most compds. of the invention displayed IC50 values

below 1000 nM. I as ligands of δ receptor should prove useful in the treatment of pain. Pharmaceutical compns. comprising I are disclosed.

IT 857251-29-7P 857251-31-1P 857251-76-4P
 RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses) (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

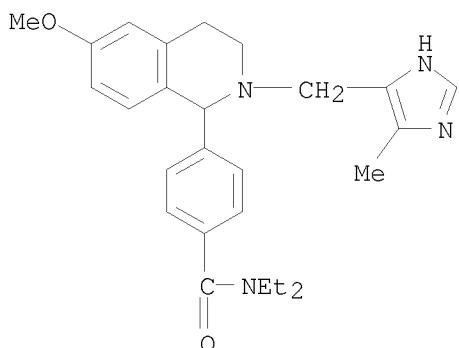
RN 857251-29-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



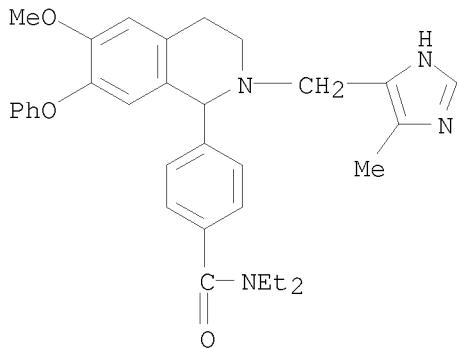
RN 857251-31-1 CAPLUS

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RN 857251-76-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

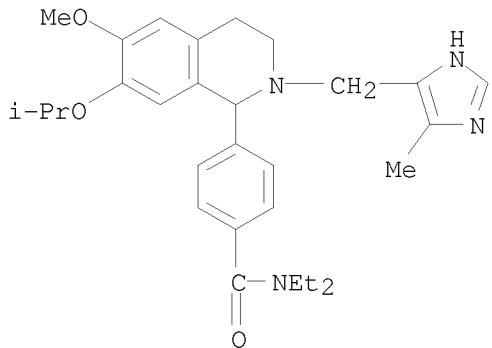


IT 857251-49-1P 857251-52-6P 857251-53-7P
 857251-85-5P 857251-90-2P

RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
 (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

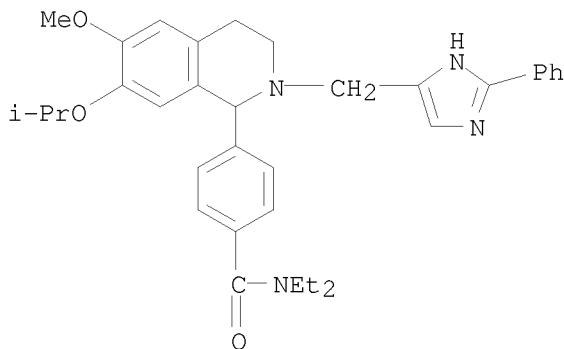
RN 857251-49-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



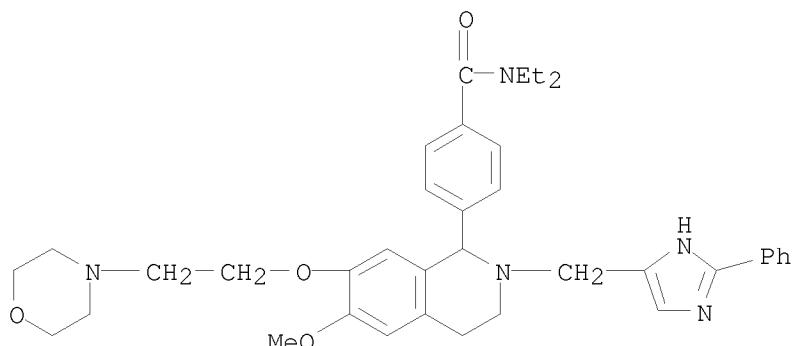
RN 857251-52-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



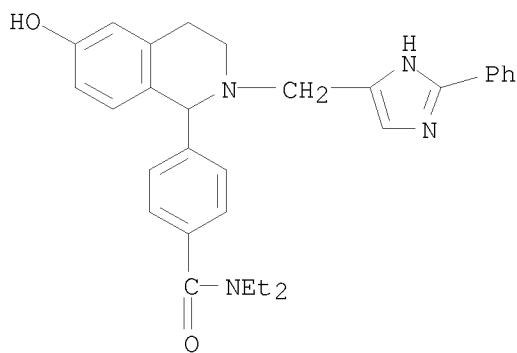
RN 857251-53-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



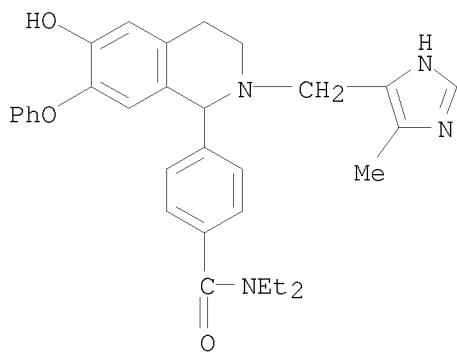
RN 857251-85-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-90-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)



IT 857251-96-8P 857251-97-9P 857251-98-0P

857251-99-1P 857252-00-7P 857252-01-8P

857252-02-9P 857252-03-0P 857252-04-1P

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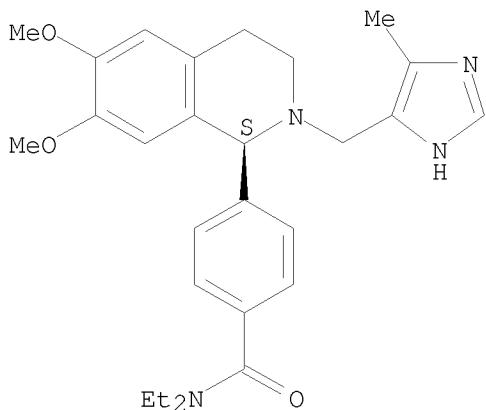
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

RN 857251-96-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

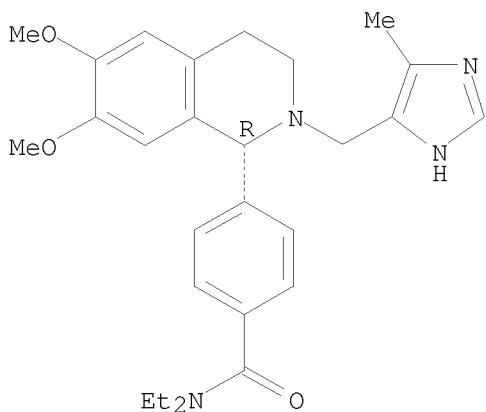
Absolute stereochemistry.



RN 857251-97-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

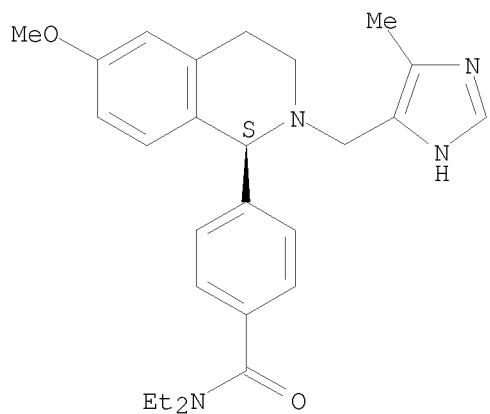
Absolute stereochemistry.



RN 857251-98-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

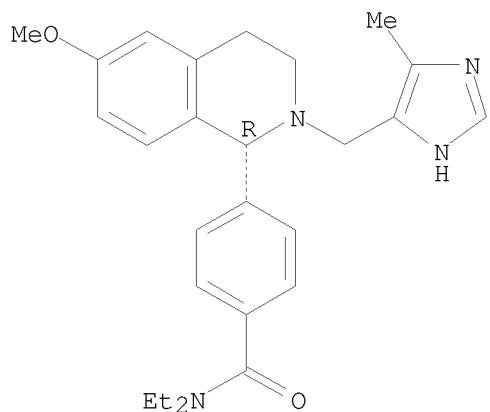
Absolute stereochemistry. Rotation (+).



RN 857251-99-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

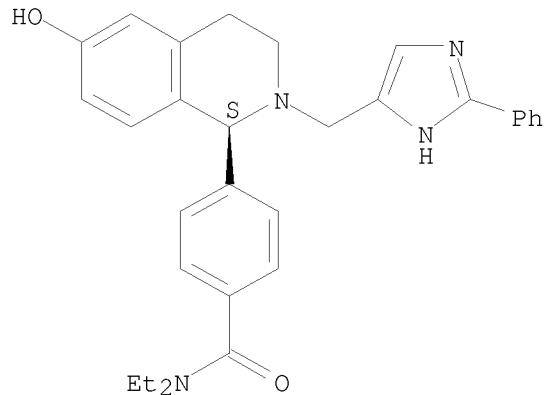
Absolute stereochemistry. Rotation (-).



RN 857252-00-7 CAPLUS

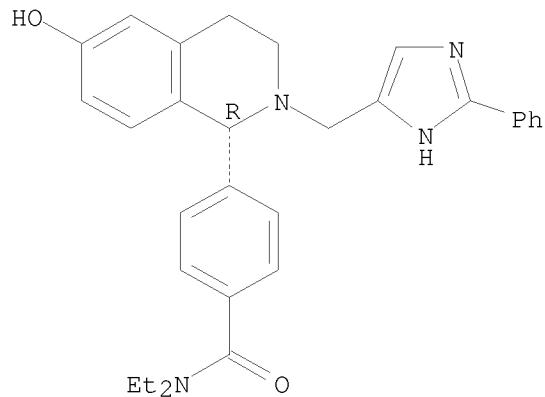
CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



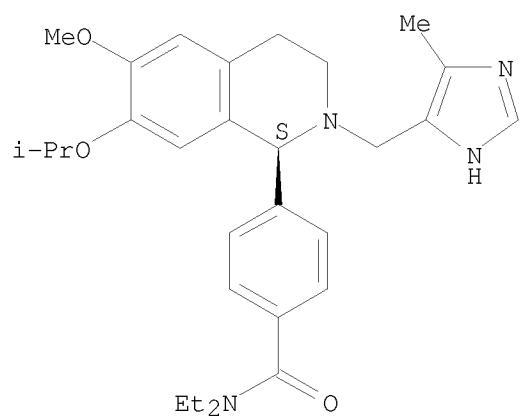
RN 857252-01-8 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



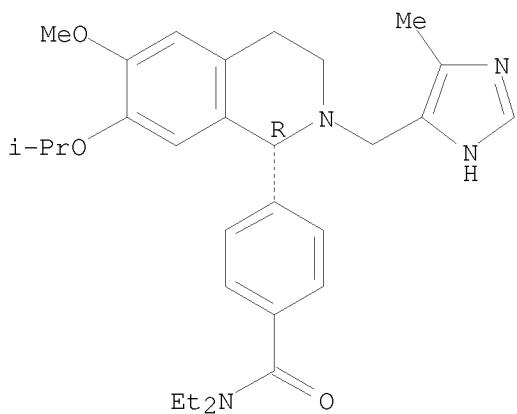
RN 857252-02-9 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 857252-03-0 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

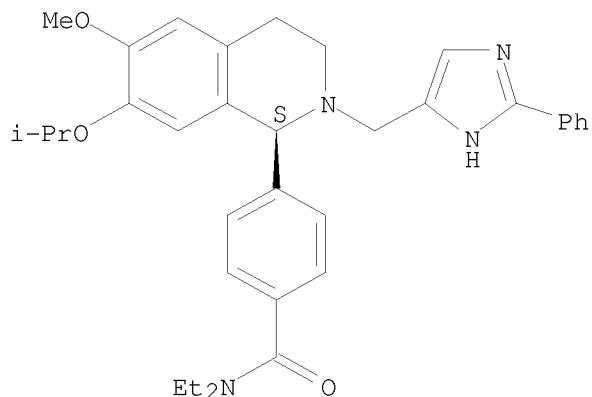
Absolute stereochemistry. Rotation (-).



RN 857252-04-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

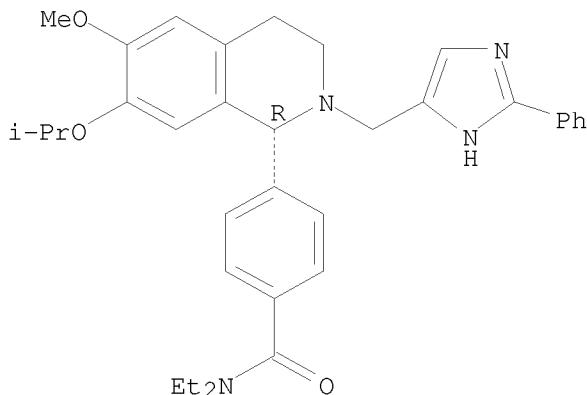
Absolute stereochemistry. Rotation (+).



RN 857252-05-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

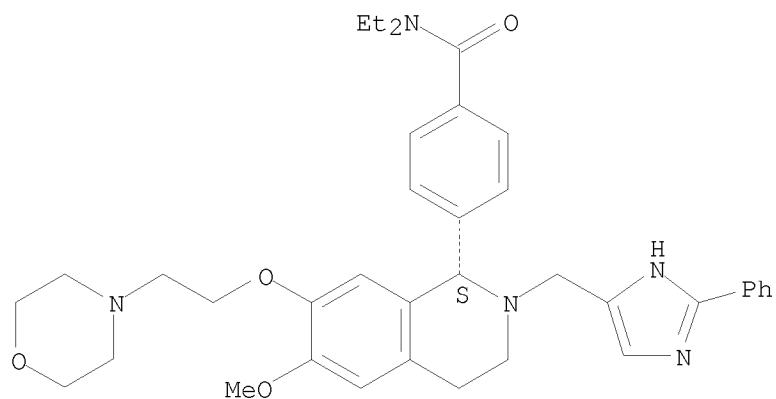
Absolute stereochemistry. Rotation (-).



RN 857252-06-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

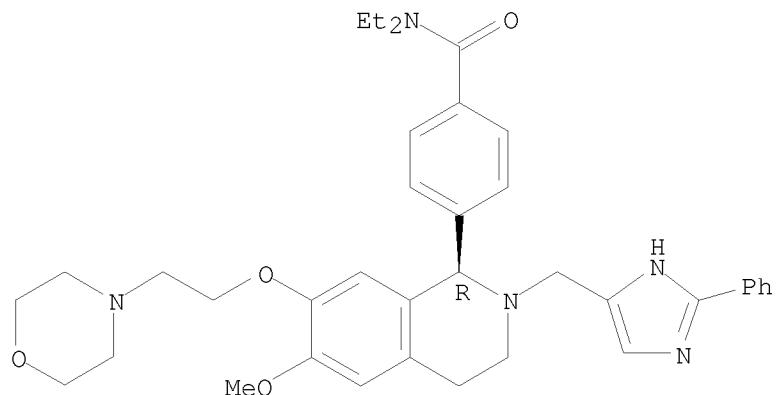
Absolute stereochemistry. Rotation (+).



RN 857252-07-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

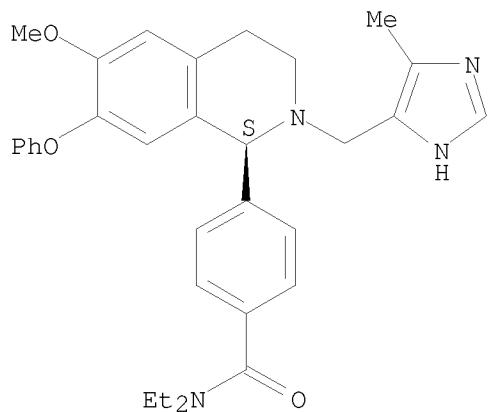
Absolute stereochemistry. Rotation (-).



RN 857252-08-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

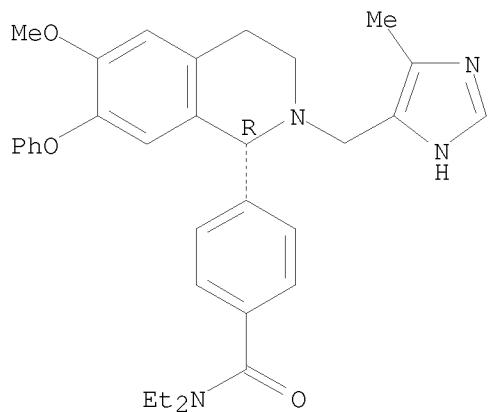
Absolute stereochemistry. Rotation (+).



RN 857252-09-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

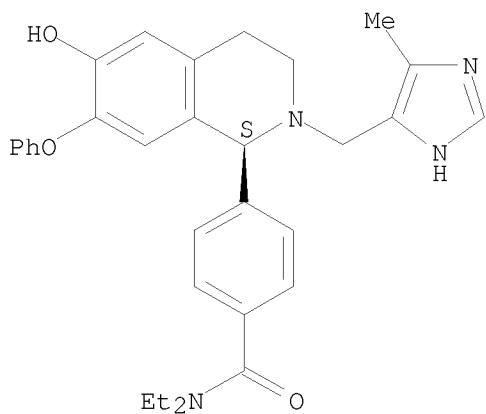
Absolute stereochemistry. Rotation (-).



RN 857252-10-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

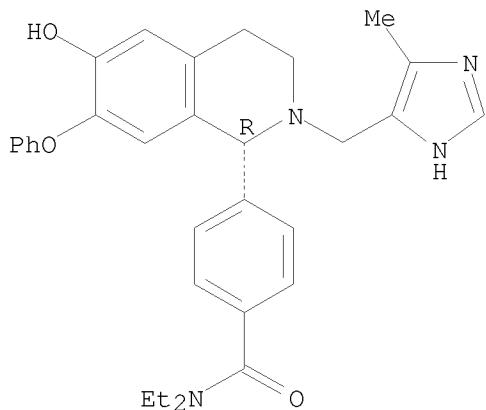
Absolute stereochemistry.



RN 857252-11-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 857251-19-5P 857251-20-8P 857251-21-9P

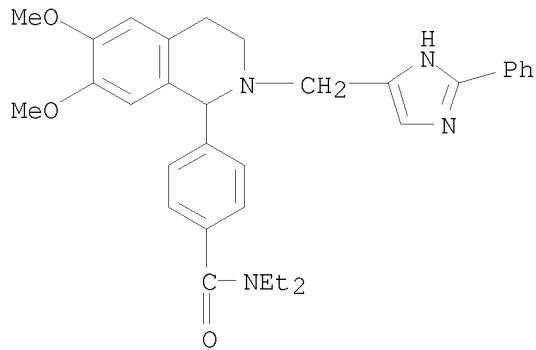
857251-36-6P 857251-54-8P 857251-75-3P

857251-77-5P 857251-78-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

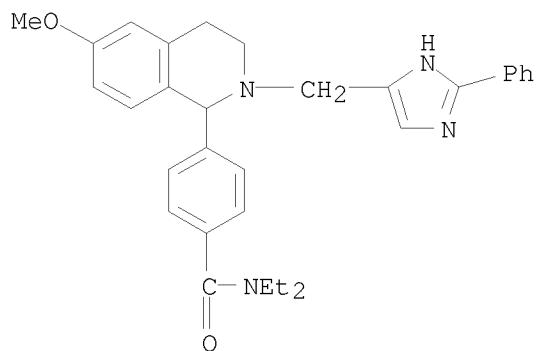
RN 857251-19-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



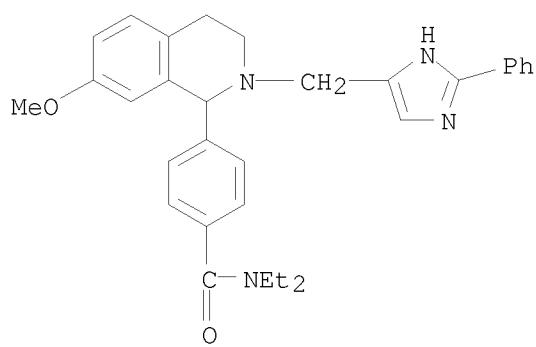
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CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



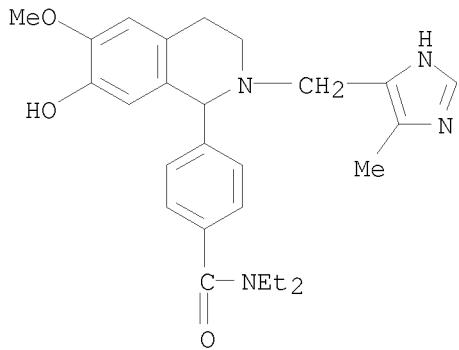
RN 857251-21-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



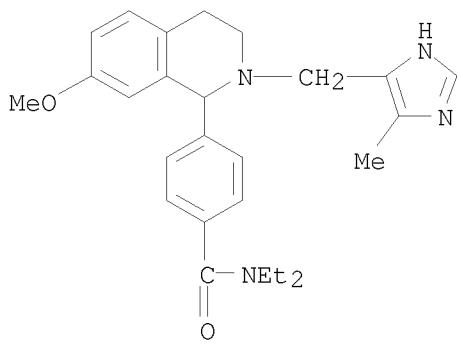
RN 857251-36-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



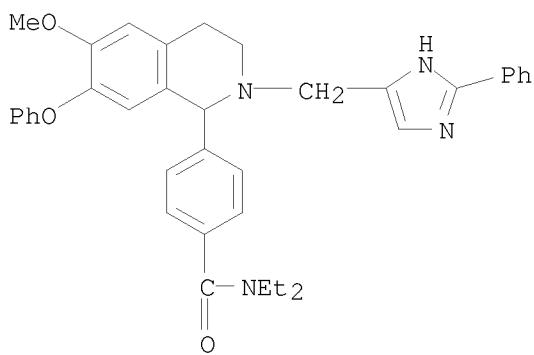
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CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



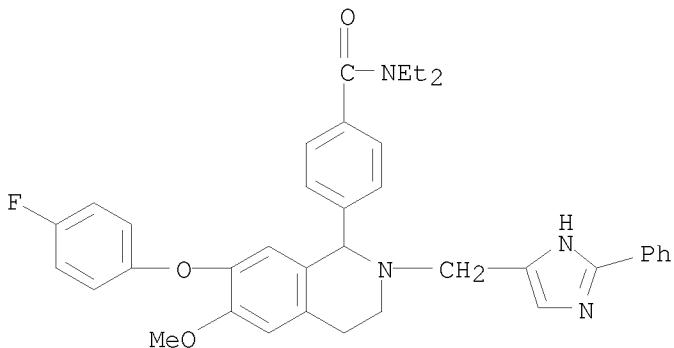
RN 857251-75-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-phenoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



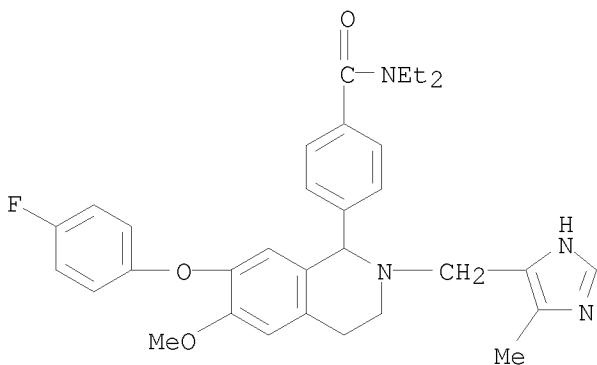
RN 857251-77-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-78-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



IT 857251-18-4P 857251-22-0P 857251-23-1P

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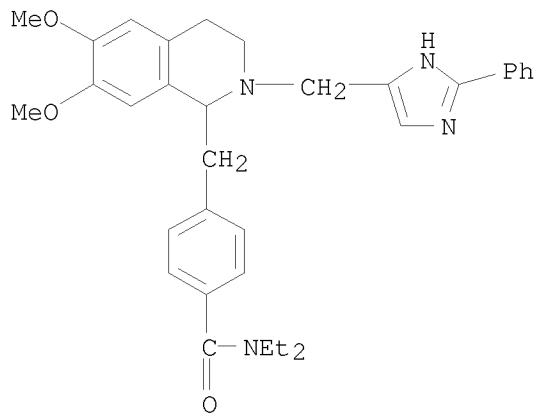
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

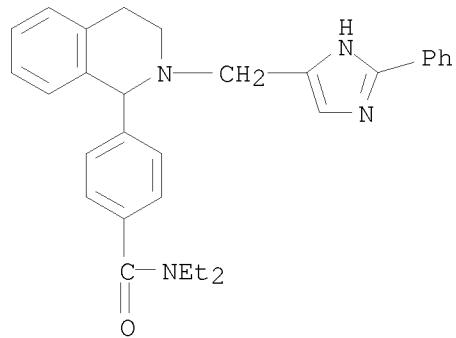
RN 857251-18-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]methyl]- (CA INDEX NAME)



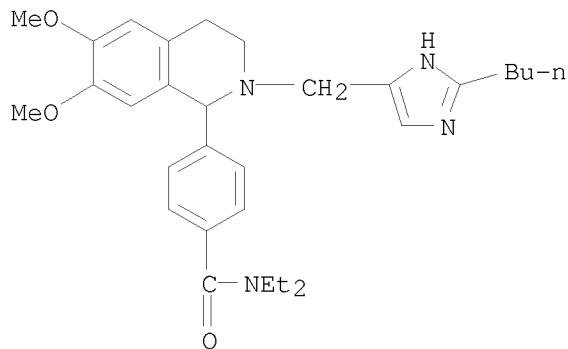
RN 857251-22-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinoliny1]- (CA INDEX NAME)



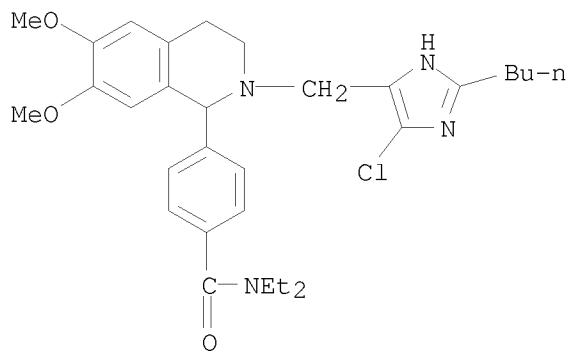
RN 857251-23-1 CAPLUS

CN Benzamide, 4-[2-[(2-butyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinoliny1]-N,N-diethyl- (CA INDEX NAME)



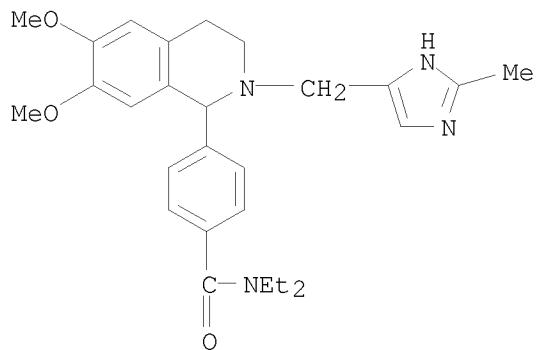
RN 857251-24-2 CAPLUS

CN Benzamide, 4-[2-[(2-butyl-5-chloro-1H-imidazol-4-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinoliny1]-N,N-diethyl- (CA INDEX NAME)



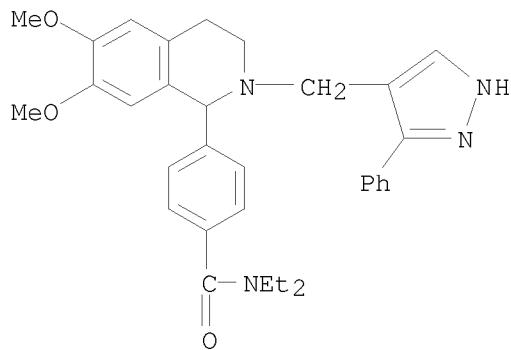
RN 857251-25-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



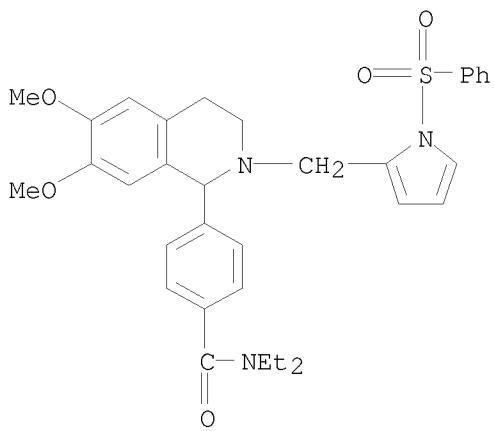
RN 857251-26-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(3-phenyl-1H-pyrazol-4-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



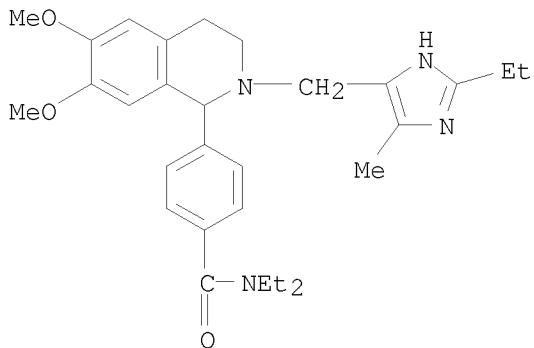
RN 857251-27-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-phenylsulfonyl)-1H-pyrrol-2-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



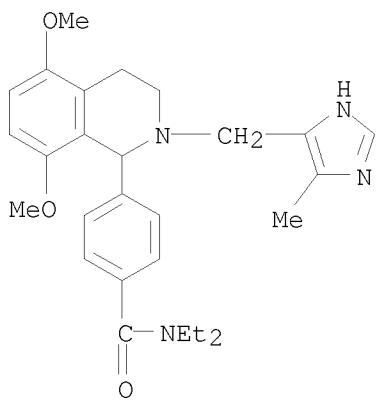
RN 857251-28-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[2-[(2-ethyl-4-methyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]- (CA INDEX NAME)



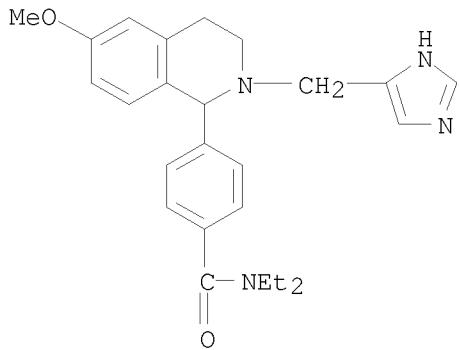
RN 857251-30-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,8-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



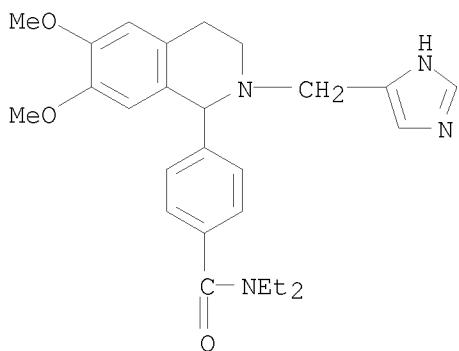
RN 857251-32-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6-methoxy-1-isoquinolinyl]- (CA INDEX NAME)



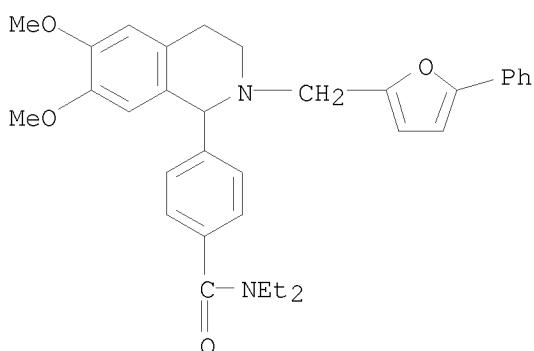
RN 857251-33-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6,7-dimethoxy-1-isoquinolinyl]- (CA INDEX NAME)



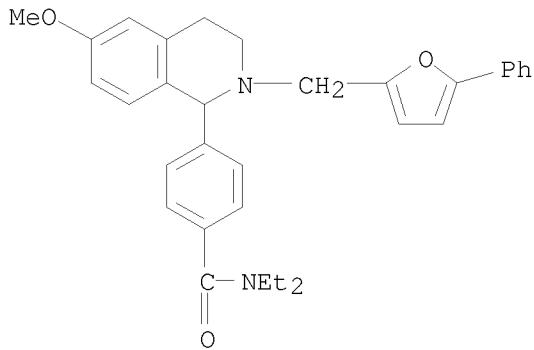
RN 857251-34-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(5-phenyl-2-furanyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



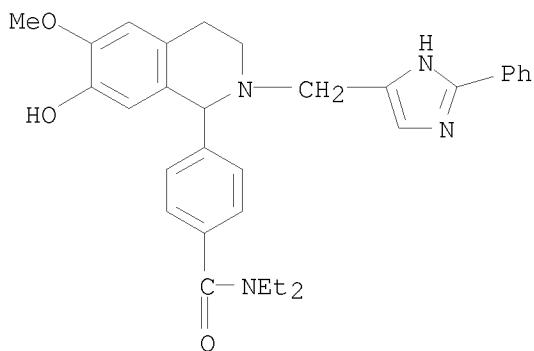
RN 857251-35-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(5-phenyl-2-furanyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



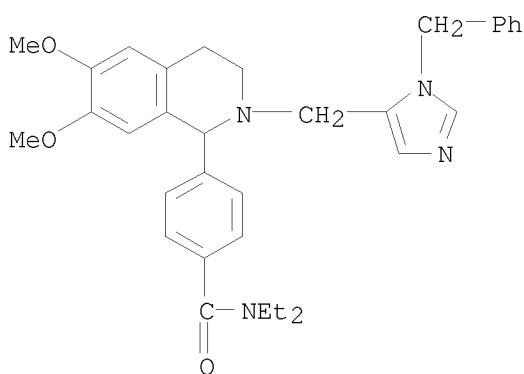
RN 857251-37-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



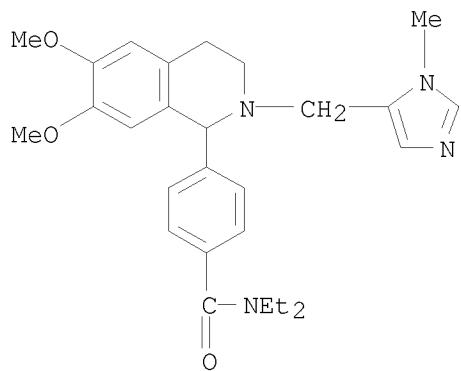
RN 857251-38-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-phenylmethyl)-1H-imidazol-5-yl]methyl]-1-isoquinolinyl]- (CA INDEX NAME)

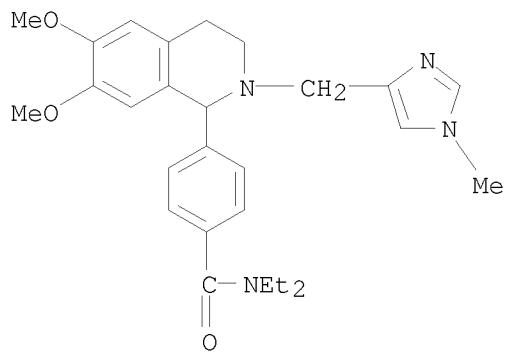


RN 857251-39-9 CAPLUS

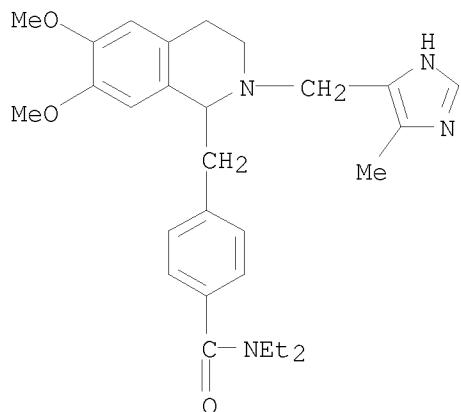
CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



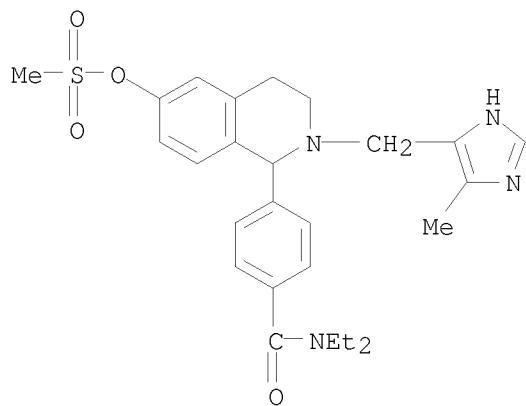
RN 857251-40-2 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-methyl-1H-imidazol-4-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-42-4 CAPLUS
 CN Benzamide, N,N-diethyl-4-[[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]methyl]- (CA INDEX NAME)

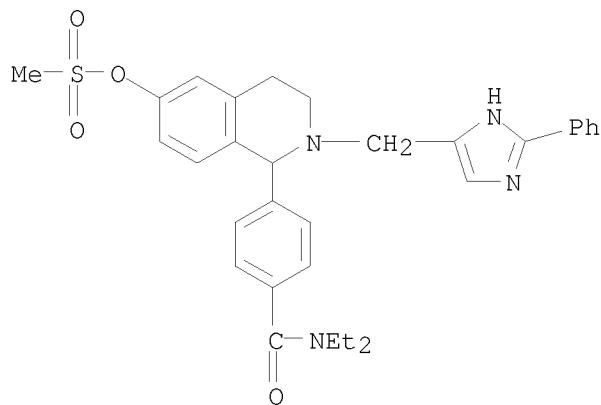


RN 857251-43-5 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-[(4-methyl-1H-imidazol-5-yl)methyl]-6-[(methylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



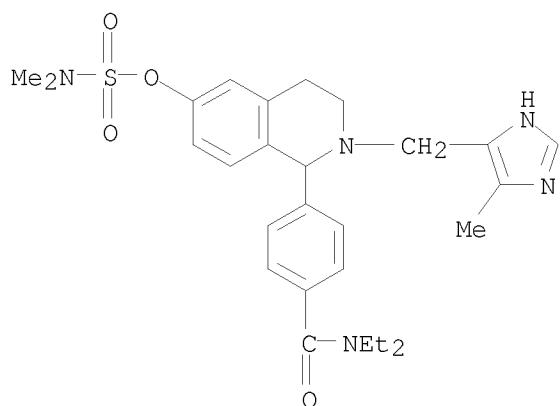
RN 857251-44-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-(methylsulfonyl)oxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl- (CA INDEX NAME)



RN 857251-45-7 CAPLUS

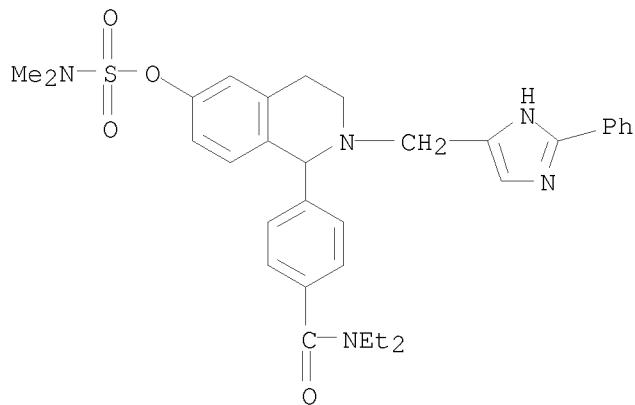
CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-2-[(4-methyl-1H-imidazol-5-yl)methyl]-6-isoquinolinyl ester (CA INDEX NAME)



RN 857251-46-8 CAPLUS

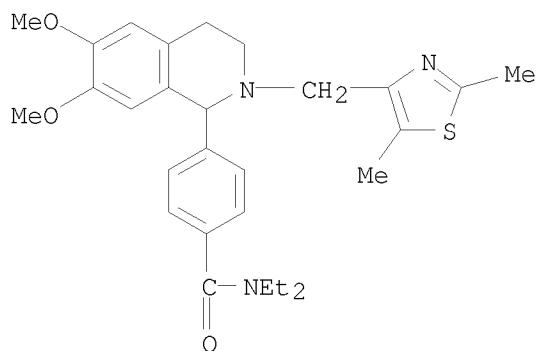
CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-6-isoquinolinyl ester

(CA INDEX NAME)



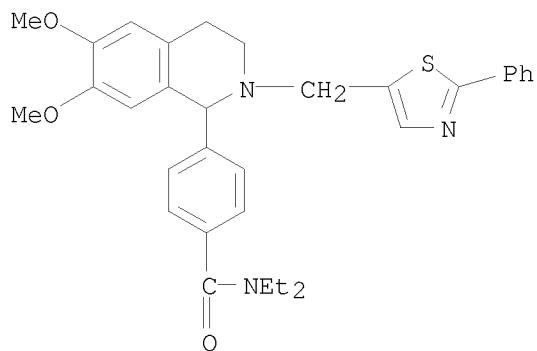
RN 857251-47-9 CAPLUS

CN Benzamide, 4-[2-[(2,5-dimethyl-4-thiazolyl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



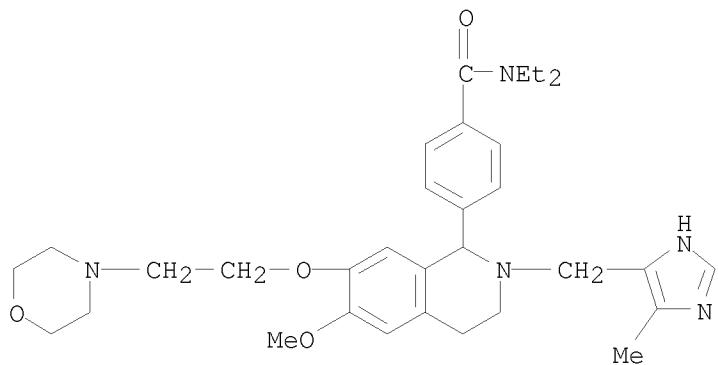
RN 857251-48-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-5-thiazolyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



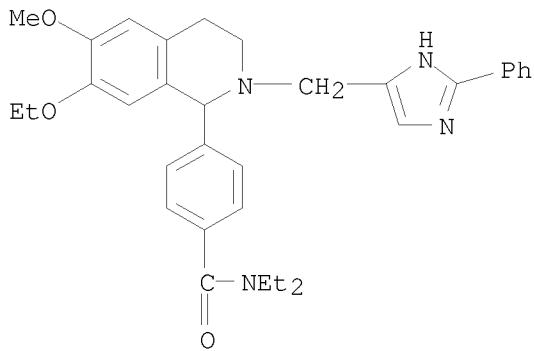
RN 857251-50-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[2-(4-morpholinyl)ethoxy]-1-isoquinolinyl]- (CA INDEX NAME)



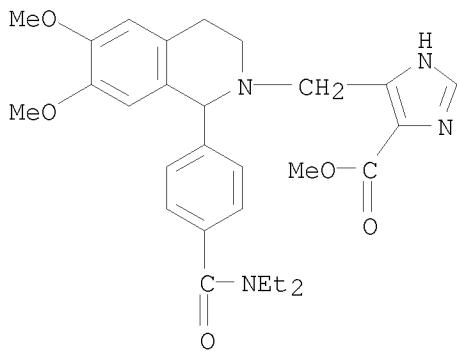
RN 857251-51-5 CAPLUS

CN Benzamide, 4-[7-ethoxy-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



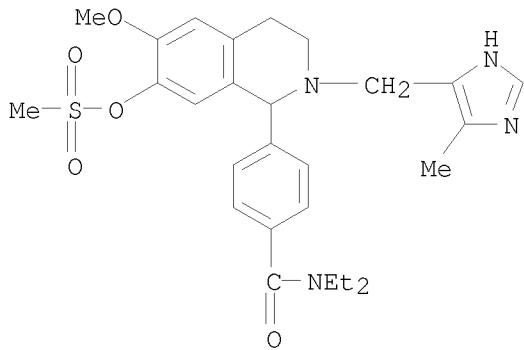
RN 857251-55-9 CAPLUS

CN 1H-Imidazole-5-carboxylic acid, 4-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl]methyl]-, methyl ester (CA INDEX NAME)



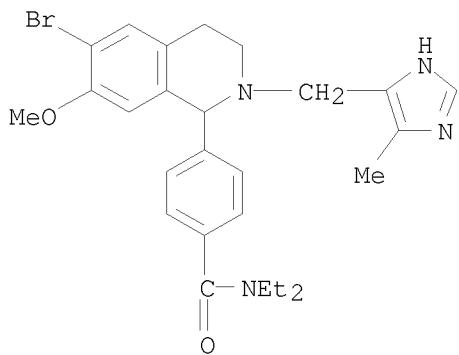
RN 857251-56-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(methylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



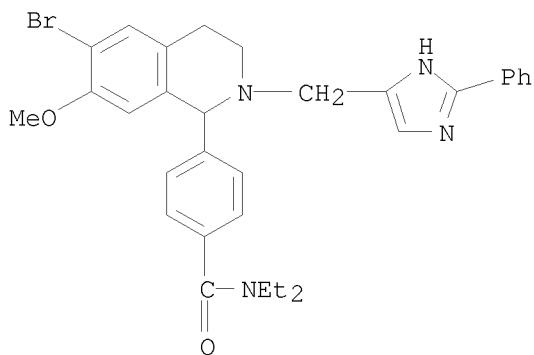
RN 857251-59-3 CAPLUS

CN Benzamide, 4-[6-bromo-1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



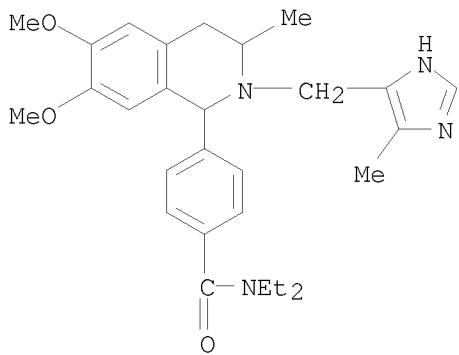
RN 857251-60-6 CAPLUS

CN Benzamide, 4-[6-bromo-1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



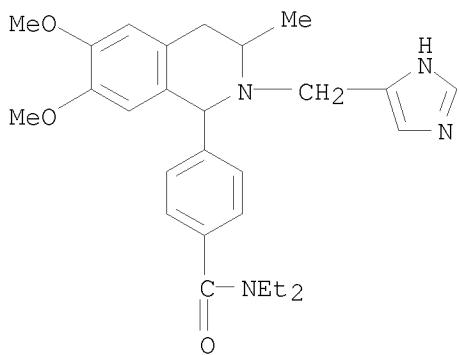
RN 857251-61-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-3-methyl-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



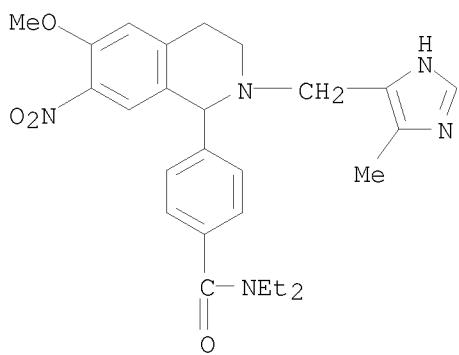
RN 857251-62-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6,7-dimethoxy-3-methyl-1-isoquinolinyl]- (CA INDEX NAME)



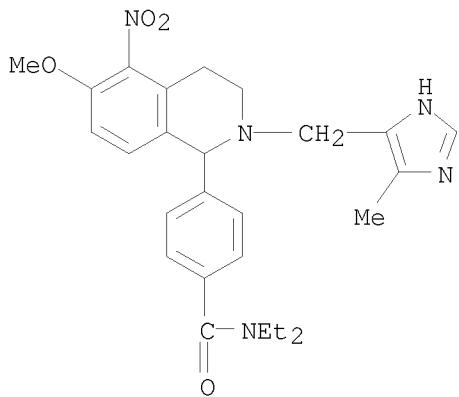
RN 857251-63-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-nitro-1-isoquinolinyl]- (CA INDEX NAME)

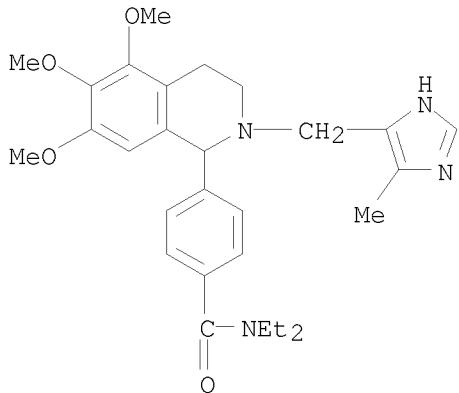


RN 857251-64-0 CAPLUS

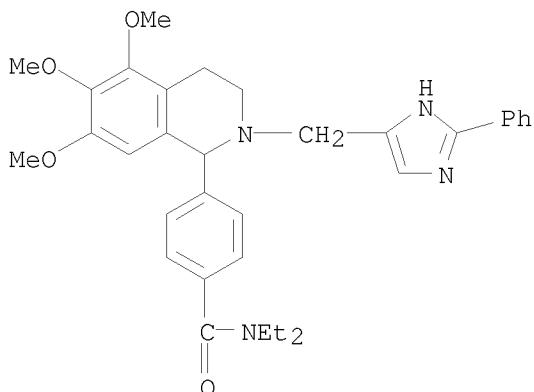
CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-5-nitro-1-isoquinolinyl]- (CA INDEX NAME)



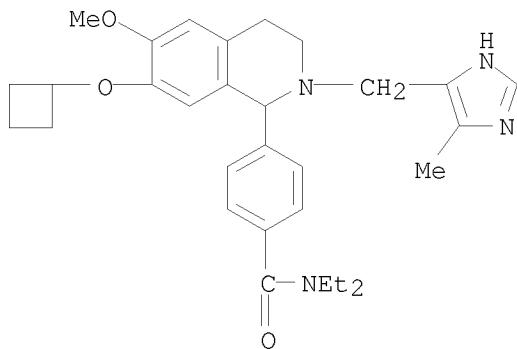
RN 857251-67-3 CAPLUS
CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,6,7-trimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-68-4 CAPLUS
CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,6,7-trimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

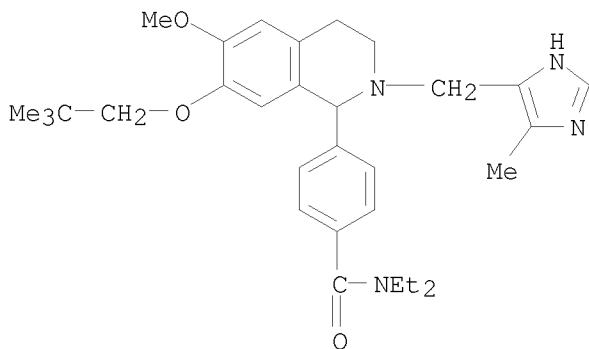


RN 857251-69-5 CAPLUS
CN Benzamide, 4-[(7-(cyclobutyloxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl)-N,N-diethyl- (CA INDEX NAME)



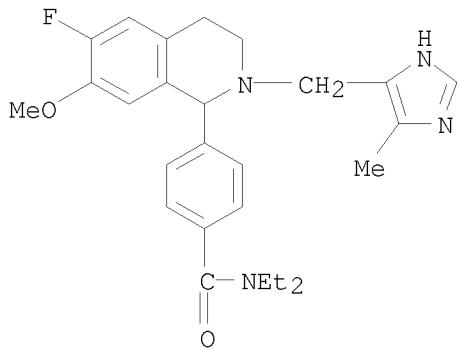
RN 857251-70-8 CAPLUS

CN Benzamide, 4-[7-(2,2-dimethylpropoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



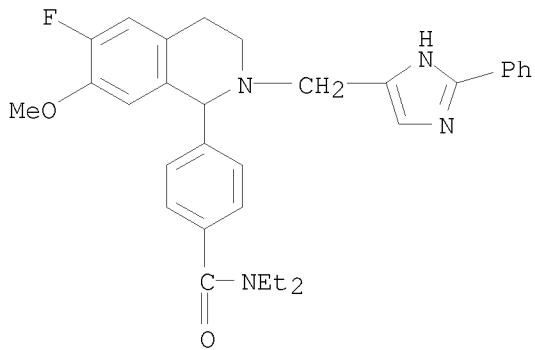
RN 857251-71-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[6-fluoro-1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



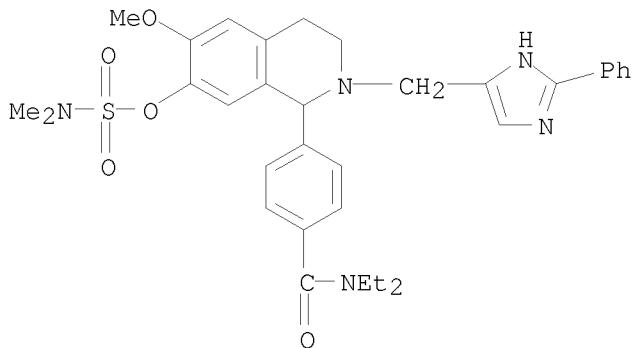
RN 857251-72-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[6-fluoro-1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



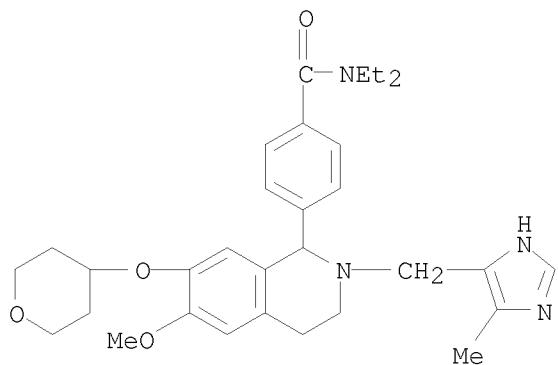
RN 857251-73-1 CAPLUS

CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-7-isoquinolinyloxy (CA INDEX NAME)



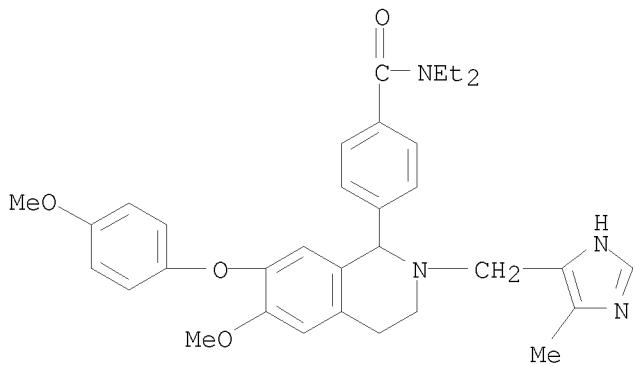
RN 857251-74-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(tetrahydro-2H-pyran-4-yl)oxy]-1-isoquinolinyloxy)-imido]benzene (CA INDEX NAME)



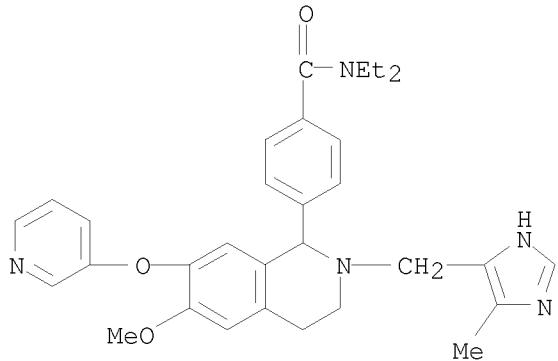
RN 857251-79-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1,2,3,4-tetrahydro-6-methoxy-7-(4-methoxyphenoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyloxy)-imido]benzene (CA INDEX NAME)



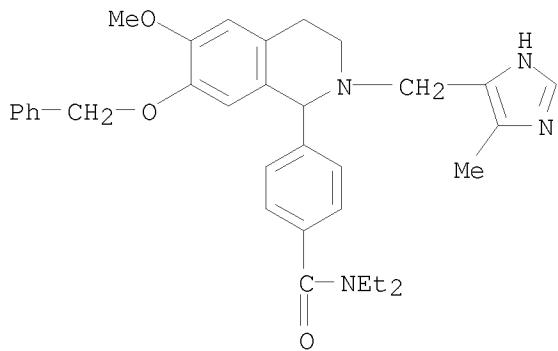
RN 857251-80-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-(3-pyridinyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



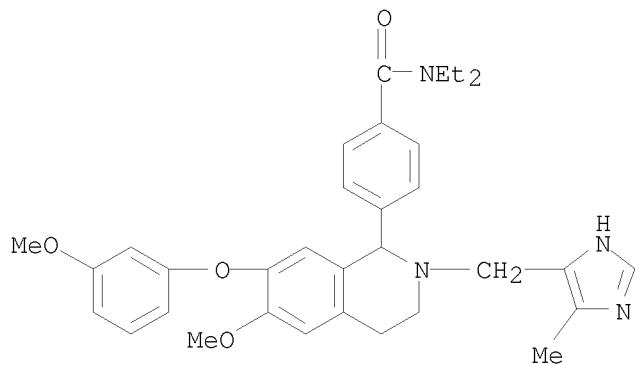
RN 857251-81-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-(phenylmethoxy)-1-isoquinolinyl]- (CA INDEX NAME)

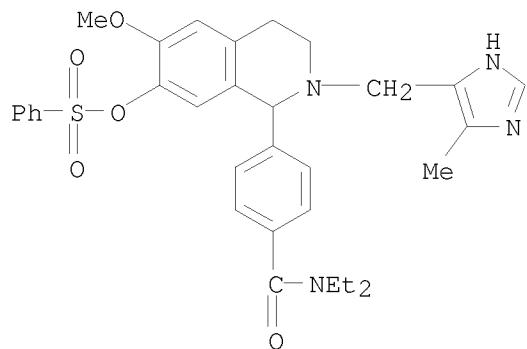


RN 857251-82-2 CAPLUS

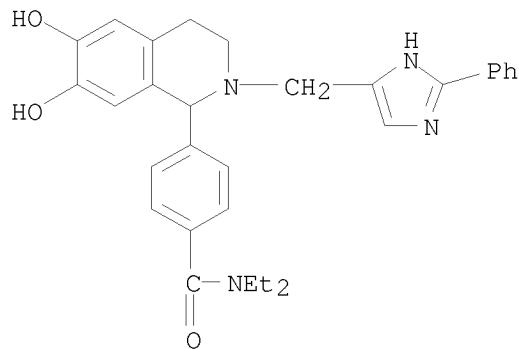
CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(3-methoxyphenoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



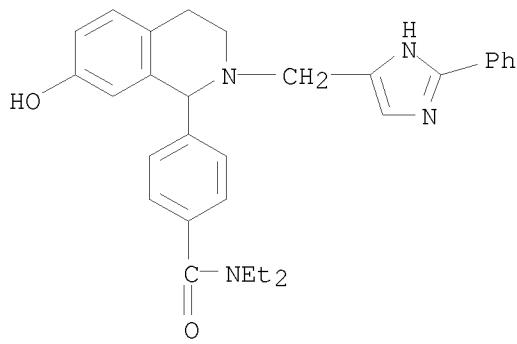
RN 857251-83-3 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(phenylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-84-4 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dihydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

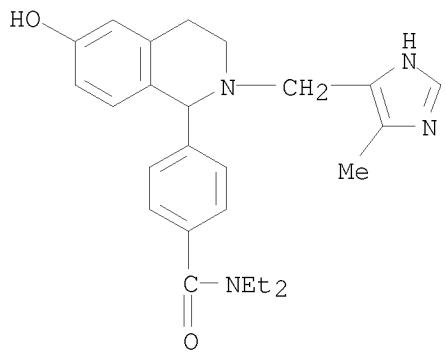


RN 857251-86-6 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



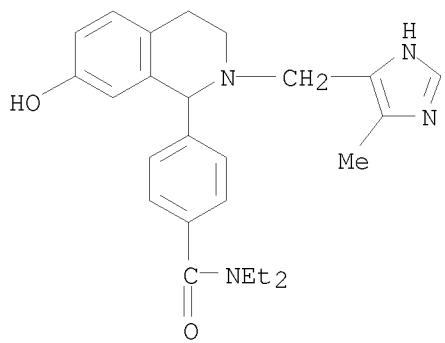
RN 857251-87-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



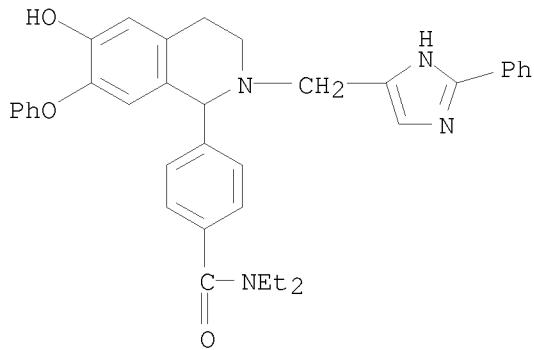
RN 857251-88-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



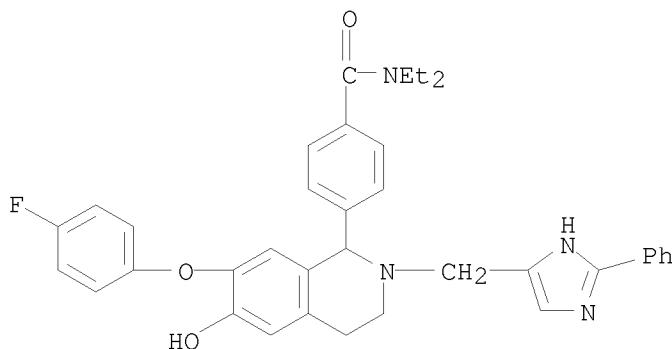
RN 857251-89-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-7-phenoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



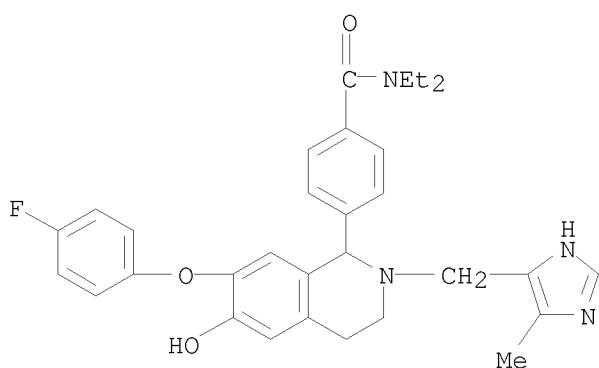
RN 857251-91-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



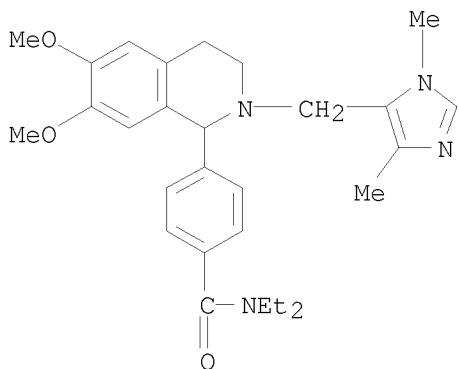
RN 857251-92-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

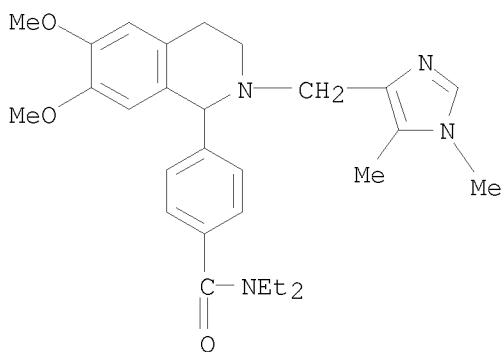


RN 857251-93-5 CAPLUS

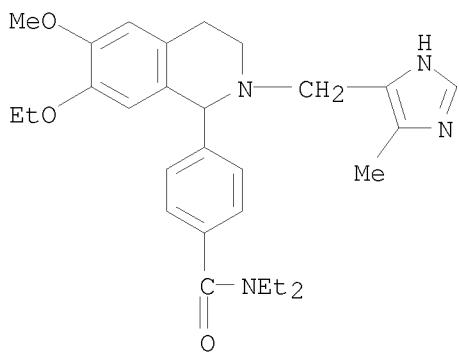
CN Benzamide, 4-[2-[(1,4-dimethyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



RN 857251-94-6 CAPLUS
 CN Benzamide, 4-[2-[(1,5-dimethyl-1H-imidazol-4-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)

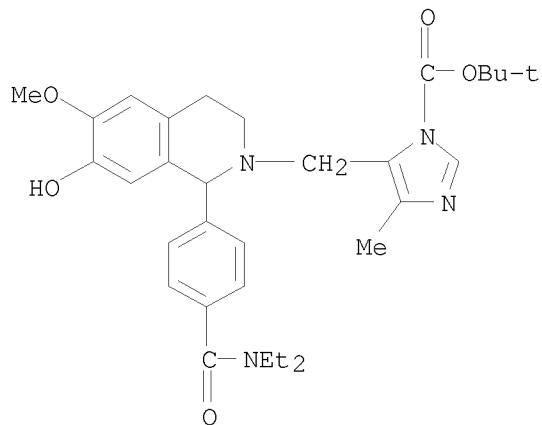


RN 857251-95-7 CAPLUS
 CN Benzamide, 4-[7-ethoxy-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)

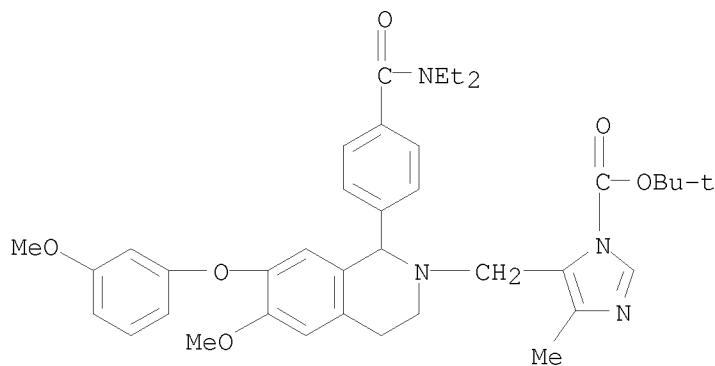


IT 857252-63-2P 857252-64-3P 857252-65-4P
 857252-66-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)
 RN 857252-63-2 CAPLUS
 CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-

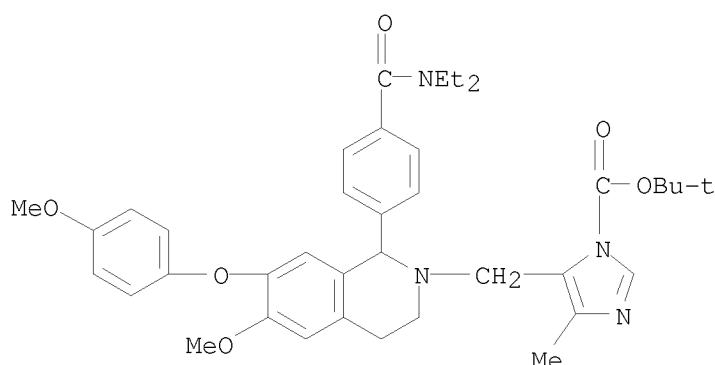
3,4-dihydro-7-hydroxy-6-methoxy-2(1H)-isoquinolinylmethyl]-4-methyl-,
1,1-dimethylethyl ester (CA INDEX NAME)



RN 857252-64-3 CAPLUS
CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-(3-methoxyphenoxy)-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)

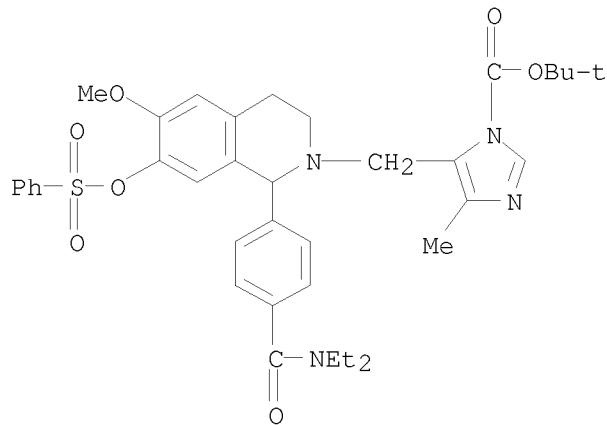


RN 857252-65-4 CAPLUS
CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-(4-methoxyphenoxy)-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 857252-66-5 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-[(phenylsulfonyl)oxy]-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	20.42	767.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.46	-2.46

STN INTERNATIONAL LOGOFF AT 16:16:30 ON 21 JAN 2009